Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\

Quantitation Report (Not Reviewed)

Data File : VL036133.D
Acq On : 10 Dec 2020 17:43
Operator : SY/AP
Sample : VL1210ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Quant Time: Dec 11 03:29:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1257470	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	2575266	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	3039087	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2140169	8.87	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 88.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	1128240	7.699	ppbv	98
3) Chlorodifluoromethane	2.97	51	1503547	10.480	ppbv	98
4) Chloromethane	3.12	50	720005	10.222	ppbv	98
5) Vinyl Chloride	3.24	62	704902	8.995	ppbv	94
6) Bromomethane	3.46	94	390006	9.646	ppbv	95
7) Chloroethane	3.54	64	246453	9.232	ppbv	97
8) Dichlorotetrafluoroethane	3.17	85	1605513	9.858	ppbv	88
9) Propene	2.99	41	699777	9.737	ppbv	97
10) Heptane	8.11	43	1790064	9.752	ppbv	99
11) Trichlorofluoromethane	3.93	101	1716081	9.960	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1115151	9.530	ppbv	93
13) Ethanol	3.59	45	99678	10.061	ppbv	99
14) Bromoethene	3.72	108	470695	9.805	ppbv	95
15) Acetone	3.84	43	1374241	9.093	ppbv	96
16) 1,3-Butadiene	3.31	39	707770	9.298	ppbv	97
17) tert-Butyl alcohol	4.28	59	1164272	7.953	ppbv	99
18) 1,1-Dichloroethene	4.27	96	469022	9.028	ppbv	95
19) Isopropyl Alcohol	3.95	45	768416	8.319	ppbv #	100
20) Methylene Chloride	4.33	84	427553	6.904	ppbv	95
21) Allyl Chloride	4.39	41	844271	8.402	ppbv	87
22) trans-1,2-Dichloroethene	4.87	96	461302	8.869	ppbv	92
23) Vinyl Acetate	5.06	43	1966749	9.775	ppbv #	97
24) 1,1-Dichloroethane	5.00	63	1336998	9.448	ppbv	98
25) Ethyl Acetate	5.66	43	2917768	9.664	ppbv	100
26) Hexane	5.67	57	1198124	8.818	ppbv	99
27) Carbon Disulfide	4.53	76	1251296	9.266	ppbv	96
28) Methyl tert-Butyl Ether	5.02	73	1710762	8.856	ppbv	98
29) Chloroform	5.74	83	1833078	10.273	ppbv	98
30) Cyclohexane	7.11	84	956660	9.584	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	1265513	10.245	ppbv	97
32) 1,1,1-Trichloroethane	6.50	97	1818689	9.877	ppbv	97
34) 2-Butanone	5.23	43	1793611	10.500	ppbv	100
35) Carbon Tetrachloride	7.01	117	1762445	11.736	ppbv	99
36) Benzene	6.88	78	2419285	11.085	ppbv	96
37) 1,2-Dichloroethane	6.29	62	1566251	12.385	ppbv	98
38) Trichloroethene	7.82	130	753152	9.232	ppbv	90
39) 1,2-Dichloropropane	7.60	63	995886	11.555	ppbv	97
40) 1,4-Dioxane	7.82	88	283241	10.448	ppbv #	30
41) Tetrahydrofuran	6.03	42	1079838	10.641	ppbv	99
42) Bromodichloromethane	7.78	83	2061442	12.233	ppbv	99
43) Methyl Methacrylate	8.00	69	1099574	11.744	ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\

Quantitation Report (Not Reviewed)

Data File : VL036133.D
Acq On : 10 Dec 2020 17:43
Operator : SY/AP
Sample : VL1210ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Quant Time: Dec 11 03:29:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4368735	11.053	ppbv		100
45) t-1,3-Dichloropropene	9.27	75	1152553	11.982	ppbv		96
46) cis-1,3-Dichloropropene	8.69	75	1405533	11.658	ppbv		97
47) 1,1,2-Trichloroethane	9.47	97	932807	11.250	ppbv		97
48) Dibromochloromethane	10.29	129	1409980	11.260	ppbv		99
49) Bromoform	13.03	173	1091186	11.072	ppbv		99
50) 4-Methyl-2-Pentanone	8.73	43	2899890	11.383	ppbv		99
51) 2-Hexanone	10.12	43	2301774	11.559	ppbv	#	97
52) Tetrachloroethene	11.21	164	694751	8.794	ppbv		95
53) Toluene	9.80	91	2702066	11.026	ppbv		100
54) 1,2-Dibromoethane	10.60	107	1354529	10.898	ppbv		95
56) 1,1,1,2-Tetrachloroethane	12.12	131	1071519	8.503	ppbv		96
57) Chlorobenzene	12.14	112	1755868	8.230	ppbv		97
58) Ethyl Benzene	12.70	91	3633667	8.725	ppbv		98
59) m/p-Xylene	12.99	91	3176394	9.055	ppbv	#	44
60) o-Xylene	13.68	91	2842572	8.601	ppbv		96
61) Styrene	13.52	104	1838856	8.666	ppbv		96
62) Isopropylbenzene	14.66	105	4013788	8.193	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.67	83	1881670	8.454	ppbv		99
64) n-propylbenzene	15.55	120	955448	8.106	ppbv		85
65) tert-Butylbenzene	16.73	119	3179781	7.930	ppbv		93
66) Benzyl Chloride	16.98	91	768590	7.698	ppbv		96
67) sec-Butylbenzene	17.29	105	4594769	8.187	ppbv		97
69) p-Isopropyltoluene	17.64	119	3554227	7.962	ppbv		96
70) n-Butylbenzene	18.54	91	3849399	8.725	ppbv		99
71) 2-Chlorotoluene	15.44	91	3192037	8.620	ppbv		95
72) 4-Ethyltoluene	15.83	105	3074532	8.588	ppbv		97
73) 1,3,5-Trimethylbenzene	15.99	105	2854192	8.347	ppbv		96
74) 1,2,4-Trimethylbenzene	16.76	105	2826572	8.235	ppbv		95
75) 1,3-Dichlorobenzene	16.99	146	1385253	8.063	ppbv		97
76) 1,4-Dichlorobenzene	17.13	146	1375314	7.862	ppbv		97
77) 1,2-Dichlorobenzene	17.81	146	1272114	7.755	ppbv		98
78) Hexachloro-1,3-Butadiene	23.37	225	939713	7.147	ppbv		98
79) Naphthalene	22.19	128	1672714	9.588	ppbv		99
80) Naphthalene,2-methyl-	24.98	142	664790	17.040	ppbv		92
81) 1,2,4-Trichlorobenzene	21.91	180	452134	3.879	ppbv	#	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

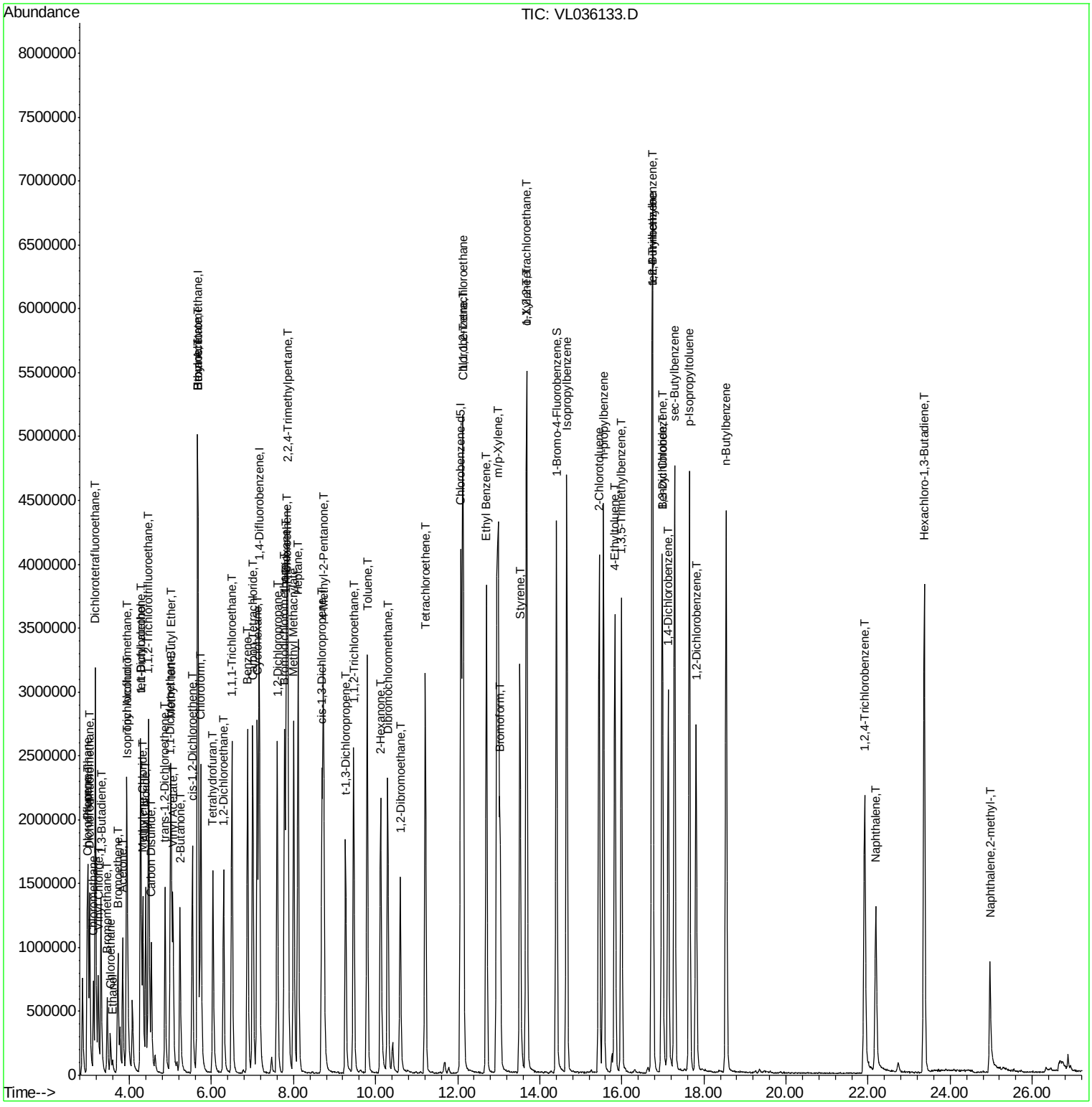
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\

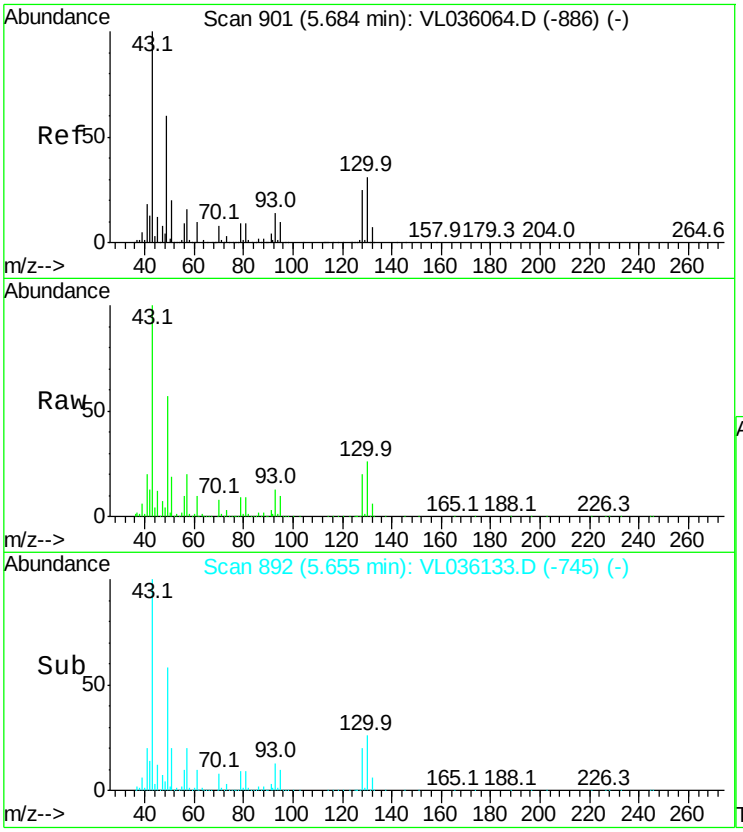
Quantitation Report (Not Reviewed)

Data File : VL036133.D
Acq On : 10 Dec 2020 17:43
Operator : SY/AP
Sample : VL1210ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Quant Time: Dec 11 03:29:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration



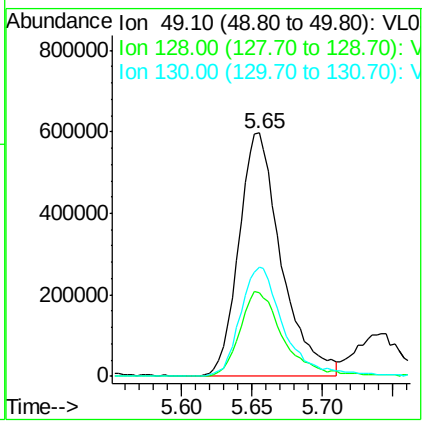


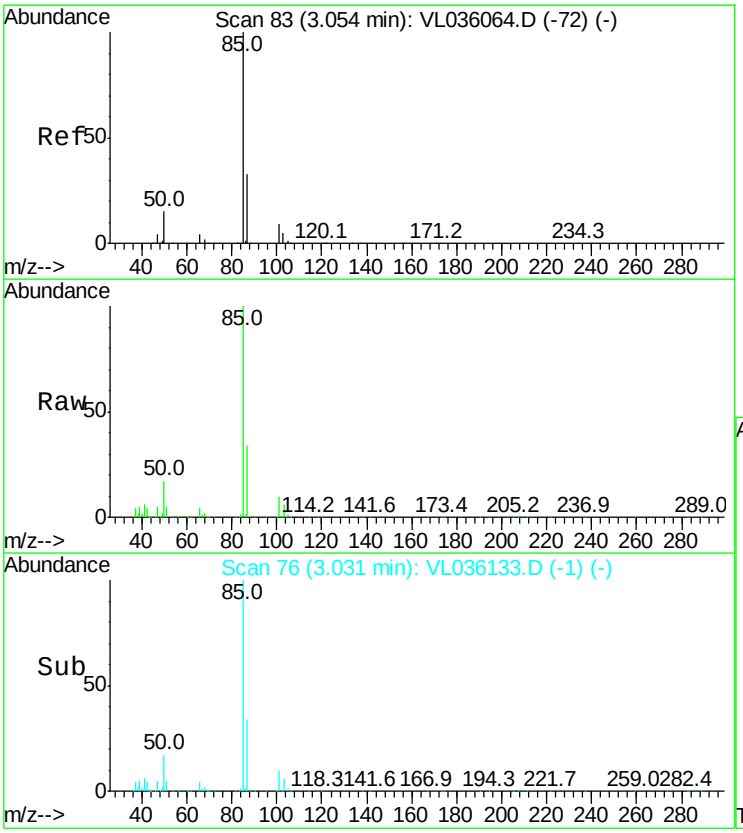
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 49 Resp: 1257470

Ion	Ratio	Lower	Upper
49	100		
128	36.7	21.1	63.1
130	46.7	27.1	81.3

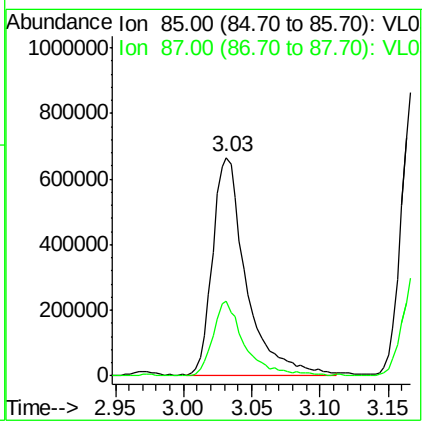


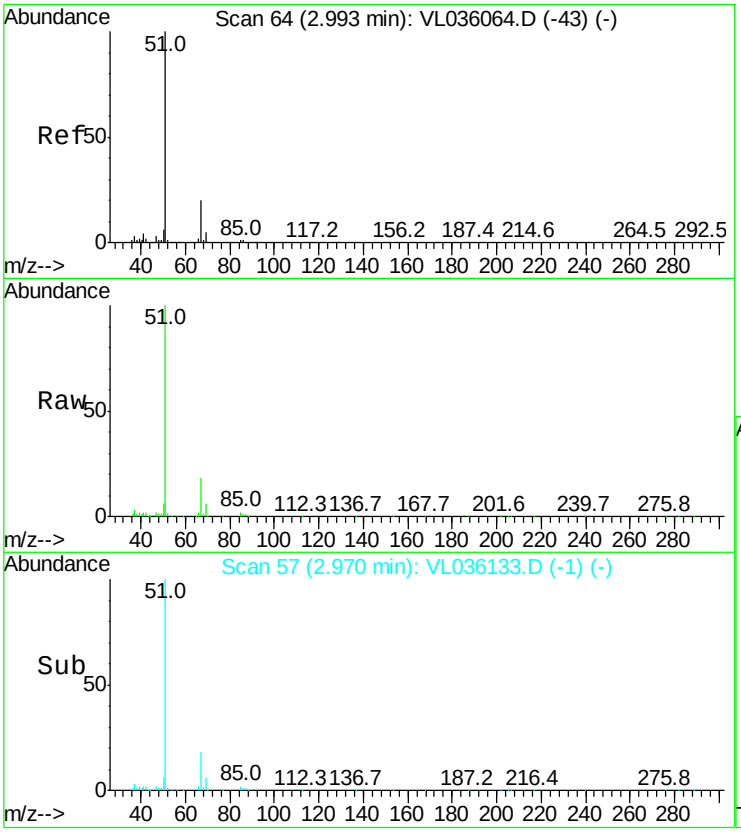


#2
Dichlorodifluoromethane
Concen: 7.699 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 85 Resp: 1128240

Ion	Ratio	Lower	Upper
85	100		
87	34.4	26.5	39.7



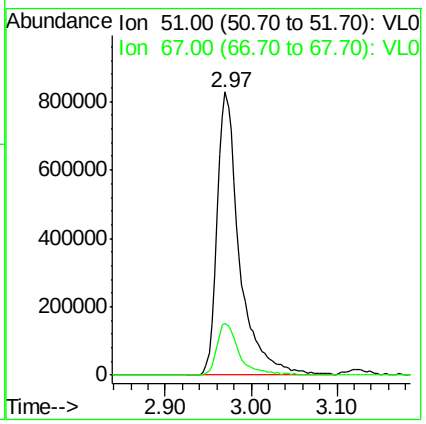


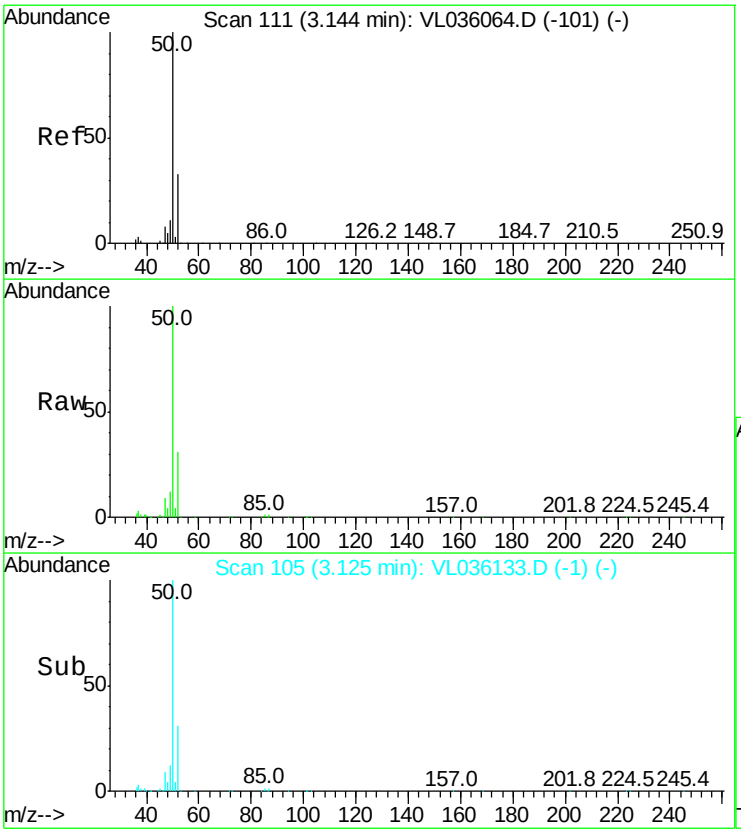
#3
Chlorodifluoromethane
Concen: 10.480 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 51 Resp: 1503547

Ion	Ratio	Lower	Upper
51	100		
67	18.6	14.3	21.5

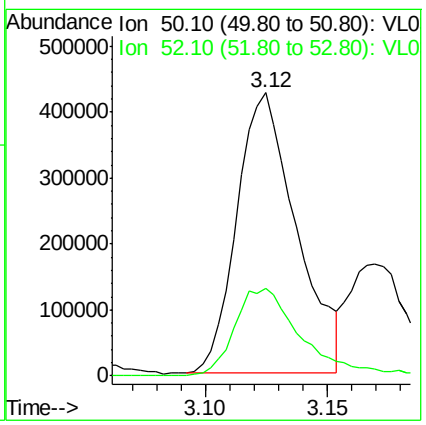


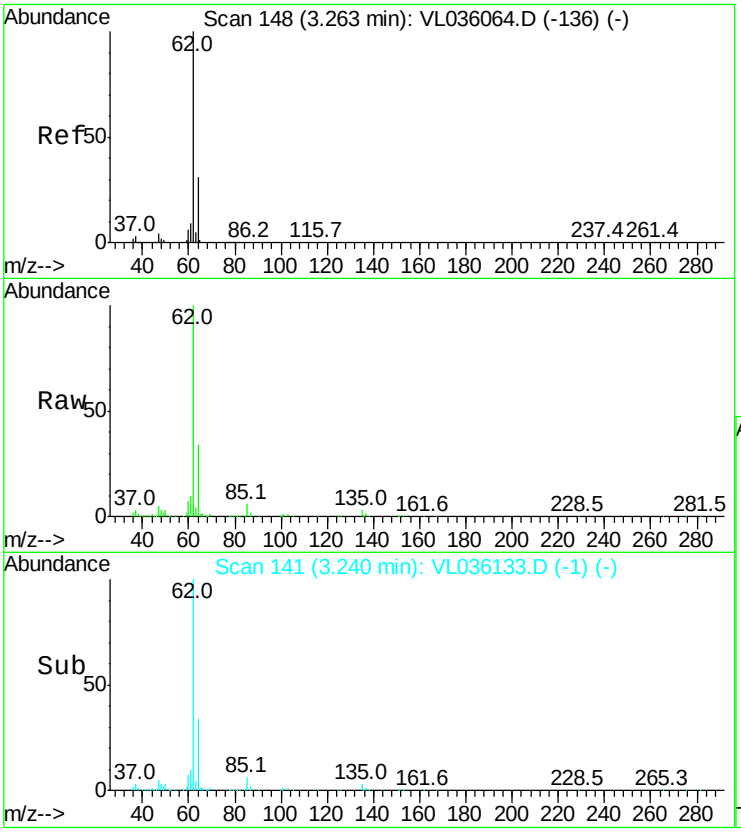


#4
Chloromethane
Concen: 10.222 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 50 Resp: 720005

Ion	Ratio	Lower	Upper
50	100		
52	31.2	26.1	39.1



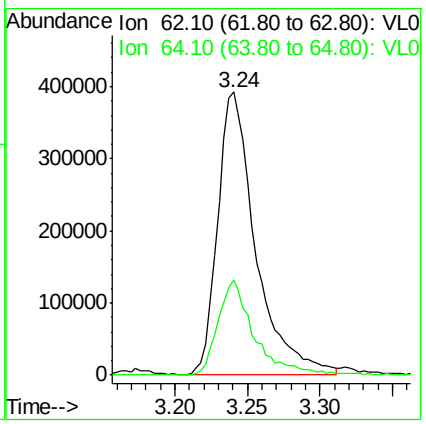


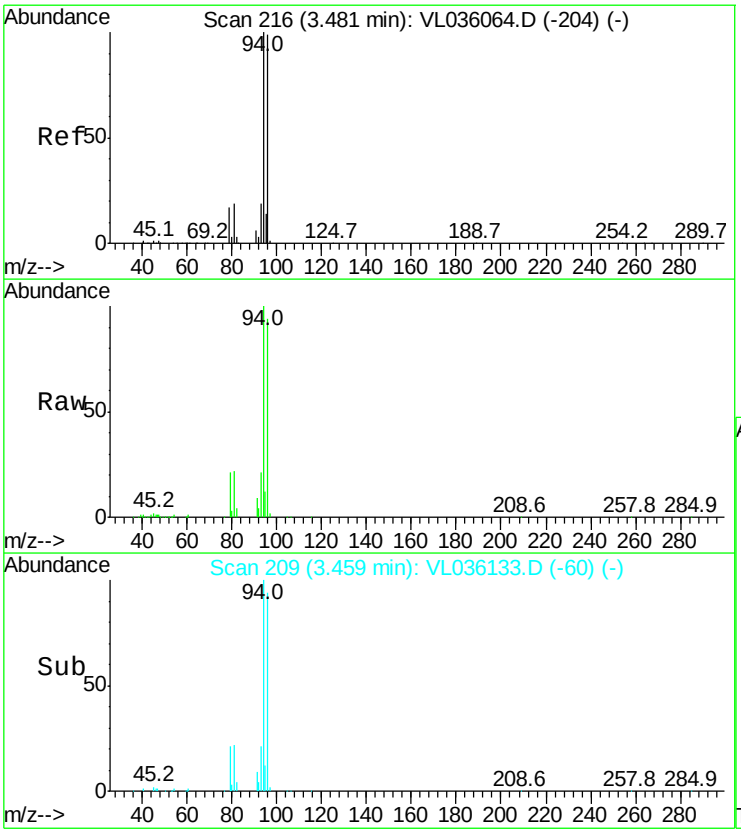
#5
Vinyl Chloride
Concen: 8.995 ppbv
RT: 3.24 min Scan# 141
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 62 Resp: 704902

Ion	Ratio	Lower	Upper
62	100		
64	33.7	24.5	36.7

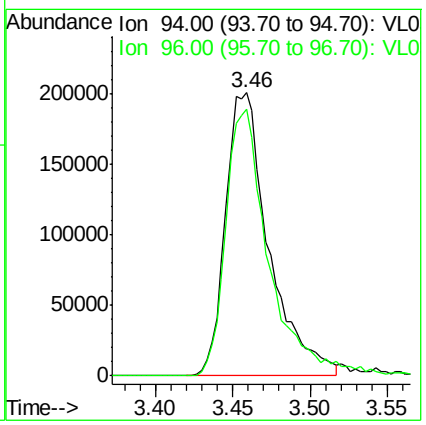


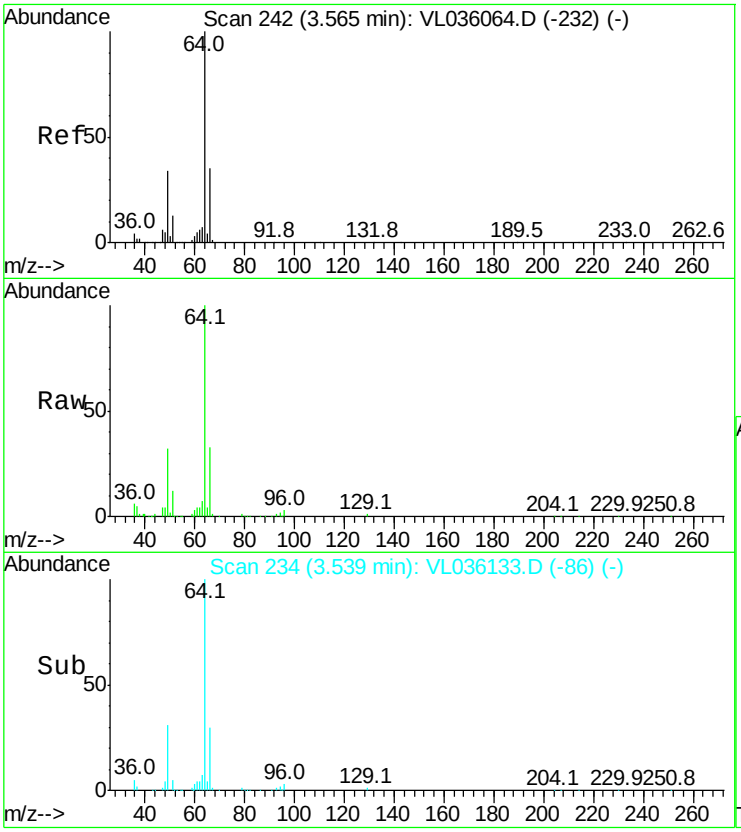


#6
Bromomethane
Concen: 9.646 ppbv
RT: 3.46 min Scan# 209
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 94 Resp: 390006

Ion	Ratio	Lower	Upper
94	100		
96	94.2	79.4	119.0



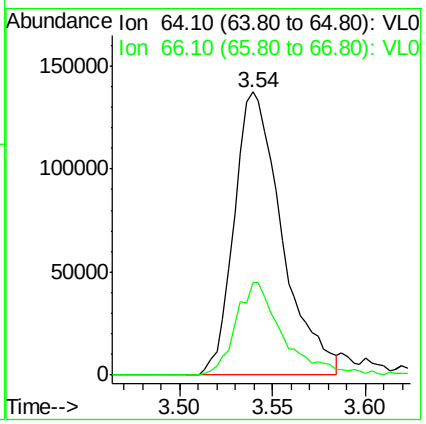


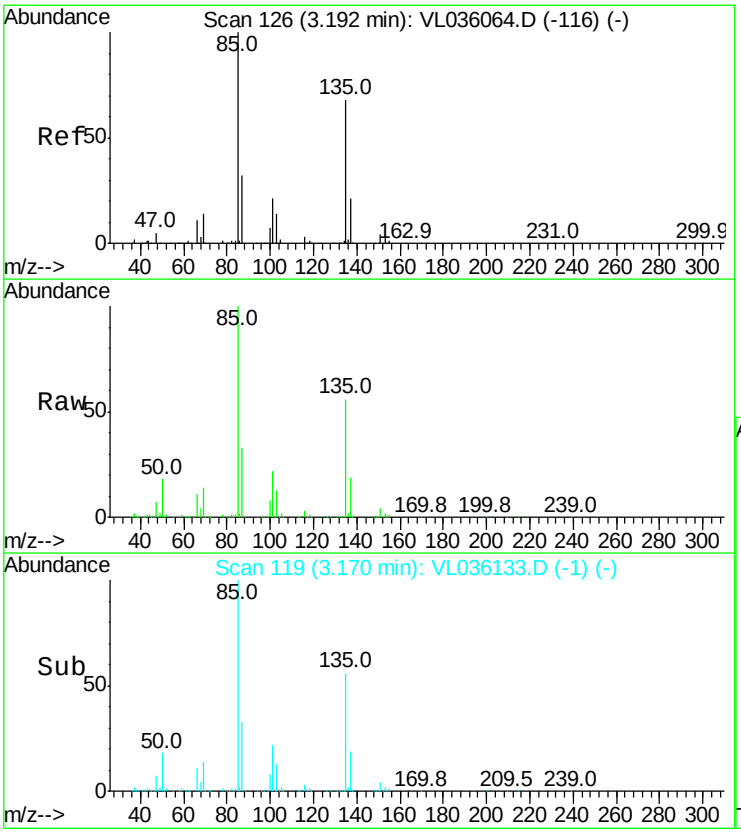
#7
Chloroethane
Concen: 9.232 ppbv
RT: 3.54 min Scan# 234
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 64 Resp: 246453

Ion	Ratio	Lower	Upper
64	100		
66	32.9	27.7	41.5

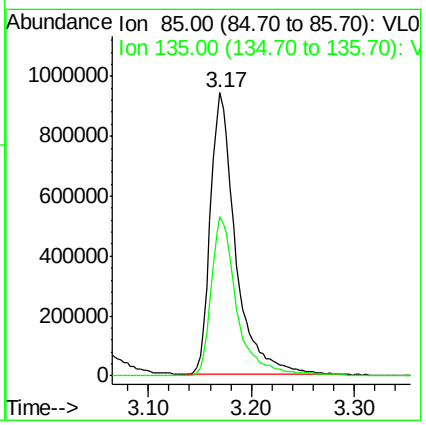


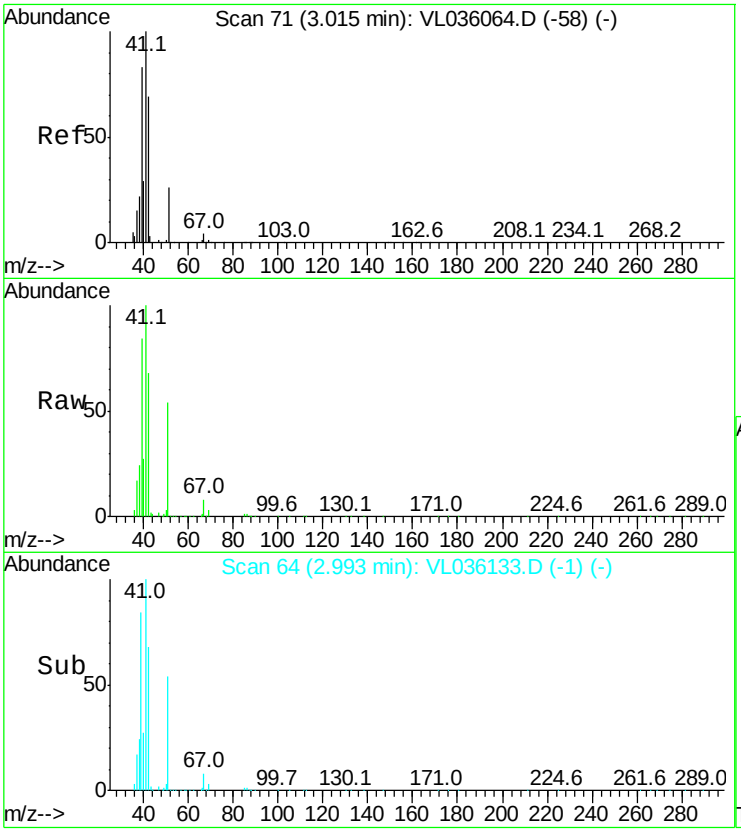


#8
Dichlorotetrafluoroethane
Concen: 9.858 ppbv
RT: 3.17 min Scan# 119
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 85 Resp: 1605513

Ion	Ratio	Lower	Upper
85	100		
135	57.8	53.8	80.8



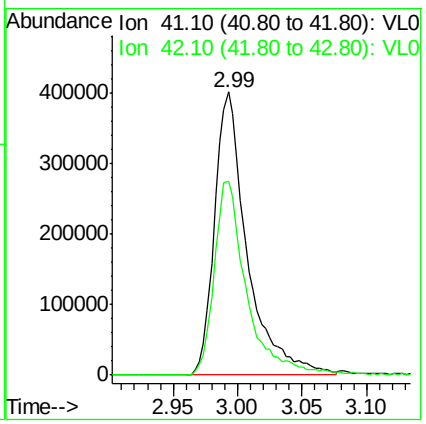


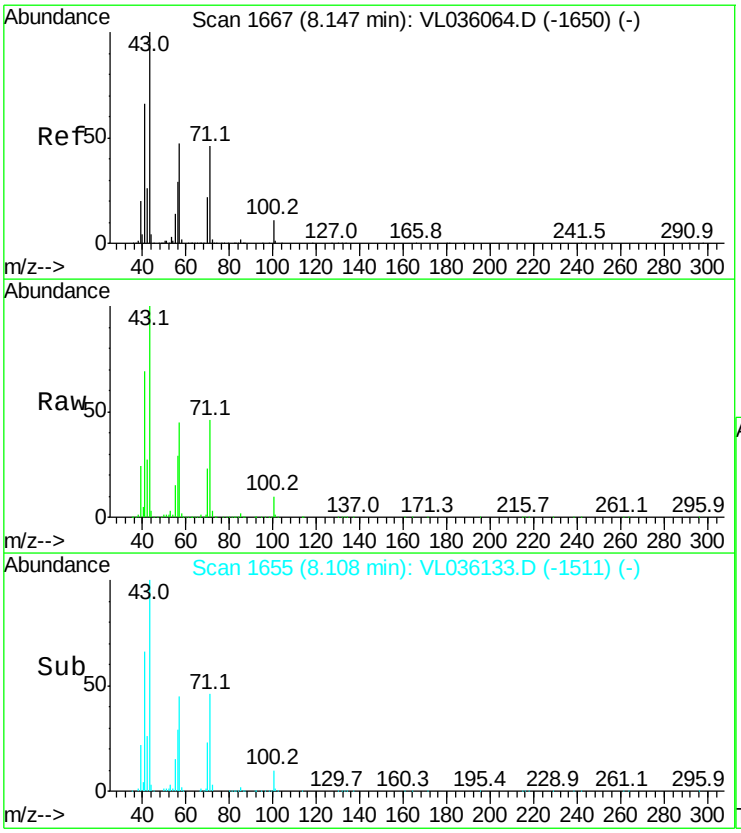
#9
Propene
Concen: 9.737 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 41 Resp: 699777

Ion	Ratio	Lower	Upper
41	100		
42	69.0	57.0	85.6

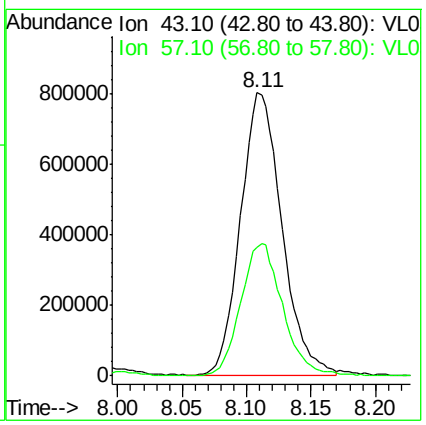


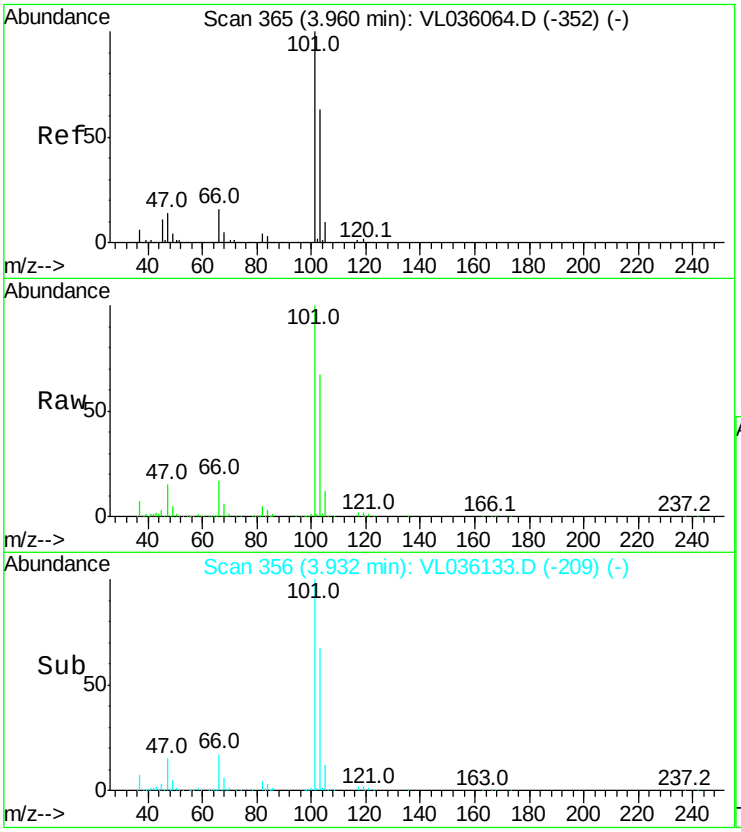


#10
Heptane
Concen: 9.752 ppbv
RT: 8.11 min Scan# 1655
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 43 Resp: 1790064

Ion	Ratio	Lower	Upper
43	100		
57	47.8	37.9	56.9



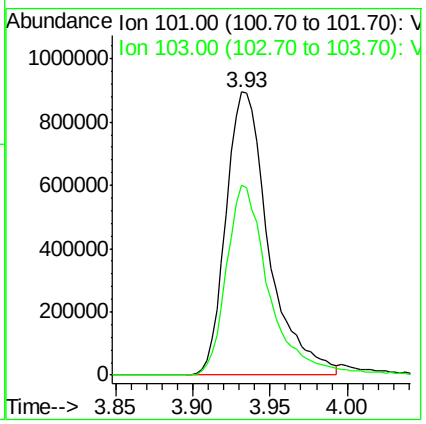


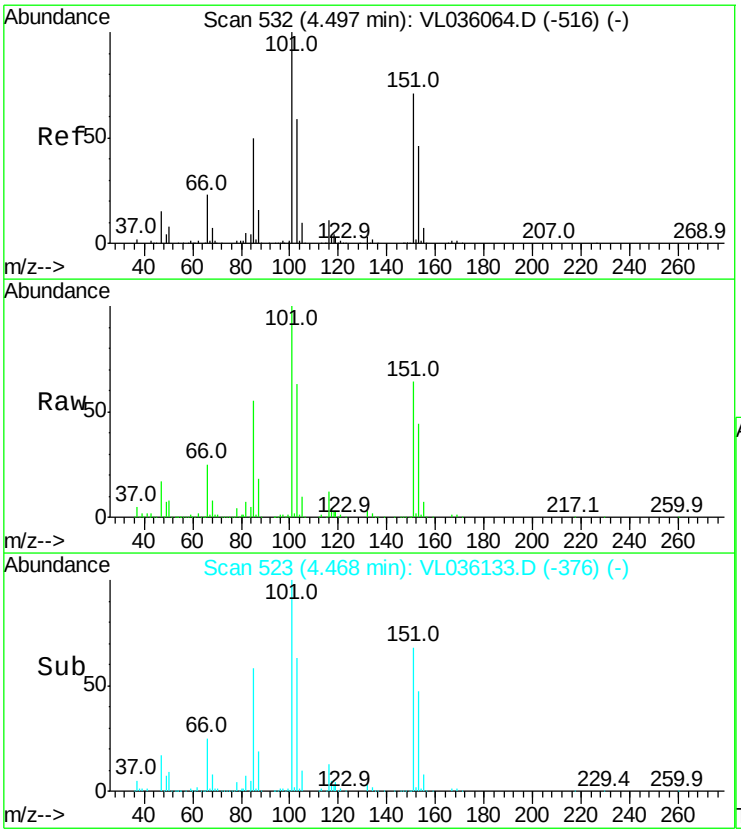
#11
Trichlorofluoromethane
Concen: 9.960 ppbv
RT: 3.93 min Scan# 356
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion:101 Resp: 1716081

Ion	Ratio	Lower	Upper
101	100		
103	66.9	50.3	75.5

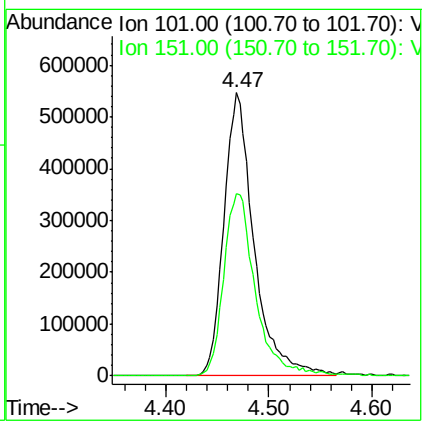


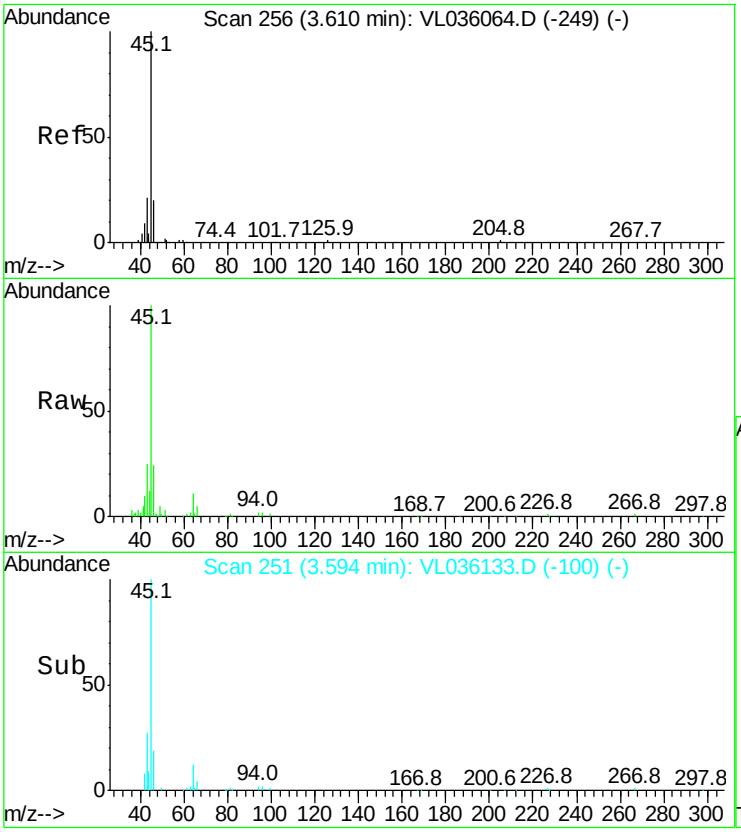


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.530 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:101 Resp: 1115151

Ion	Ratio	Lower	Upper
101	100		
151	68.0	59.3	88.9



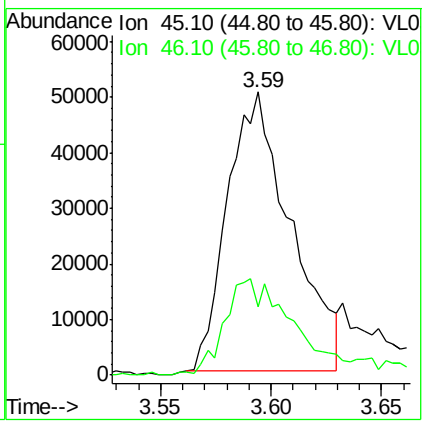


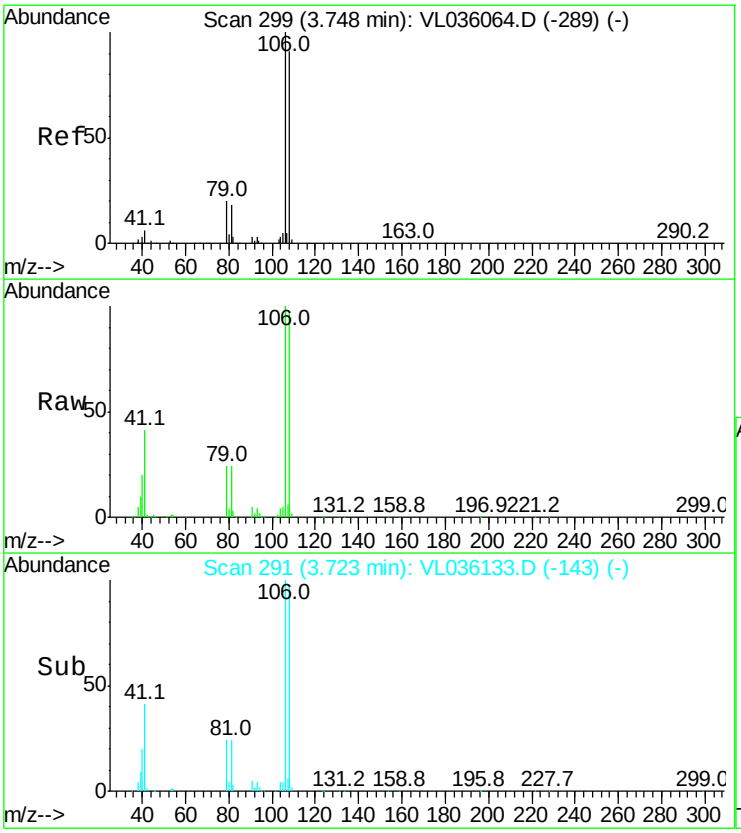
#13
Ethanol
Concen: 10.061 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 45 Resp: 99678

Ion	Ratio	Lower	Upper
45	100		
46	47.7	19.0	75.8

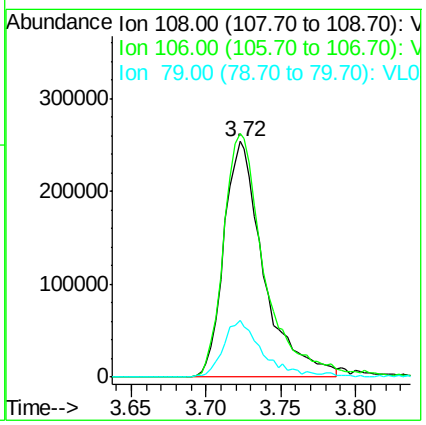


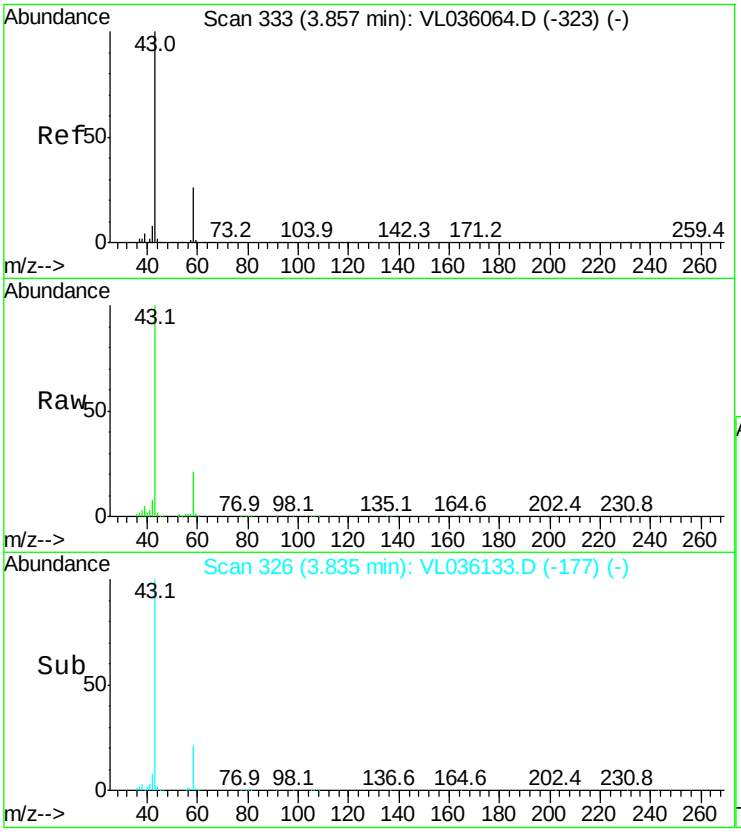


#14
Bromoethene
Concen: 9.805 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:108 Resp: 470695

Ion	Ratio	Lower	Upper
108	100		
106	107.8	91.0	136.4
79	24.8	19.3	28.9



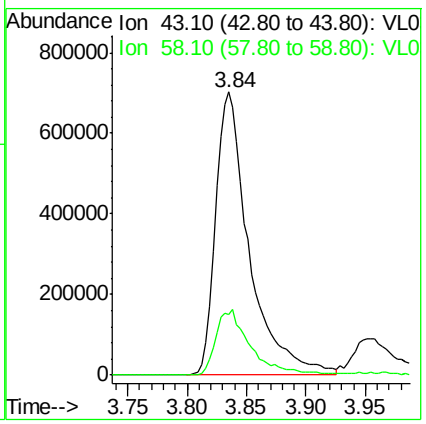


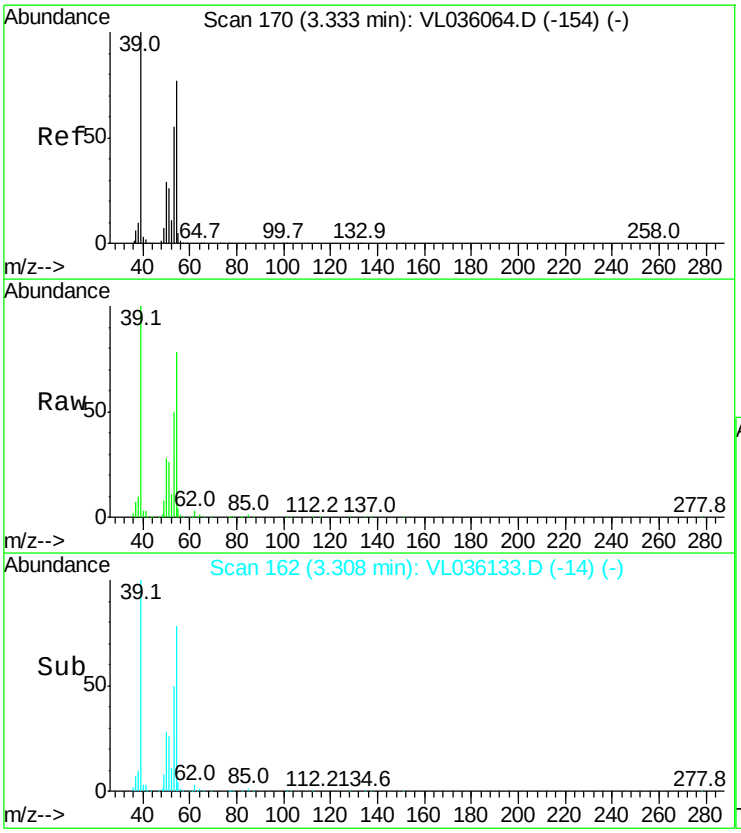
#15
Acetone
Concen: 9.093 ppbv
RT: 3.84 min Scan# 326
Delta R.T. -0.02 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 43 Resp: 1374241

Ion	Ratio	Lower	Upper
43	100		
58	23.8	20.9	31.3

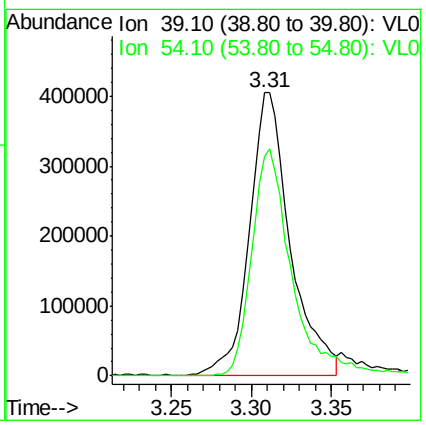


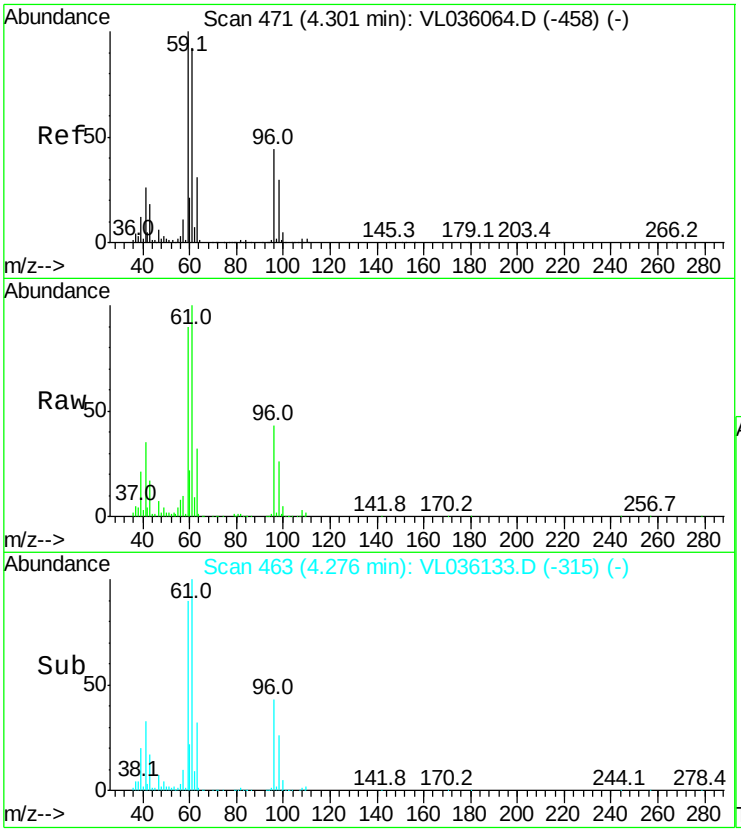


#16
1,3-Butadiene
Concen: 9.298 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 39 Resp: 707770

Ion	Ratio	Lower	Upper
39	100		
54	80.5	62.1	93.1



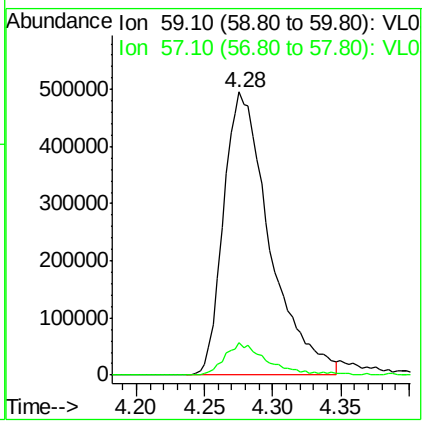


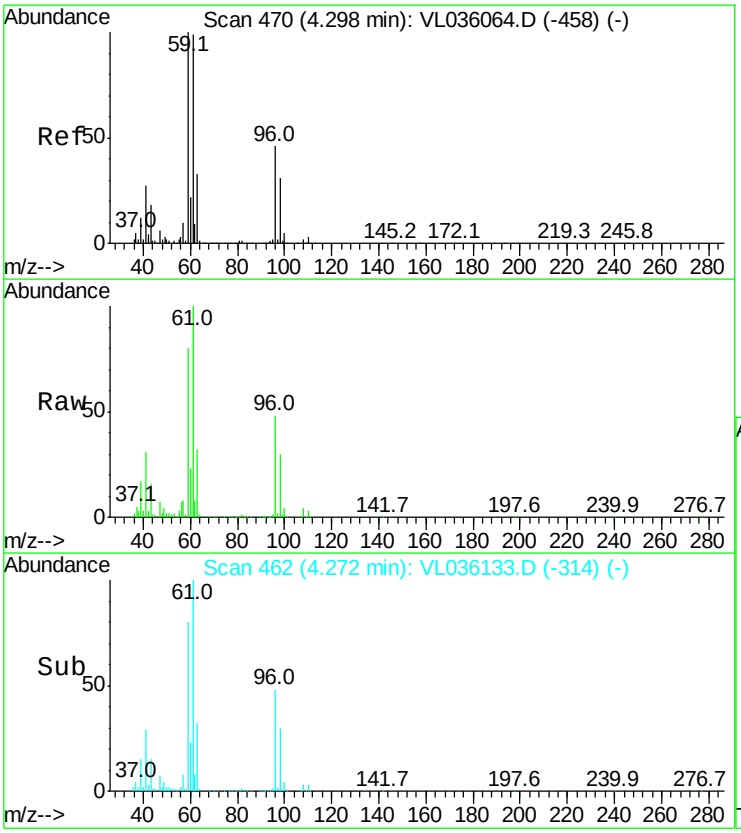
#17
tert-Butyl alcohol
Concen: 7.953 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 59 Resp: 1164272

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.7	13.1

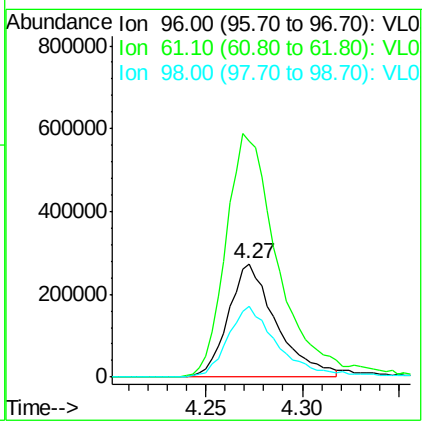


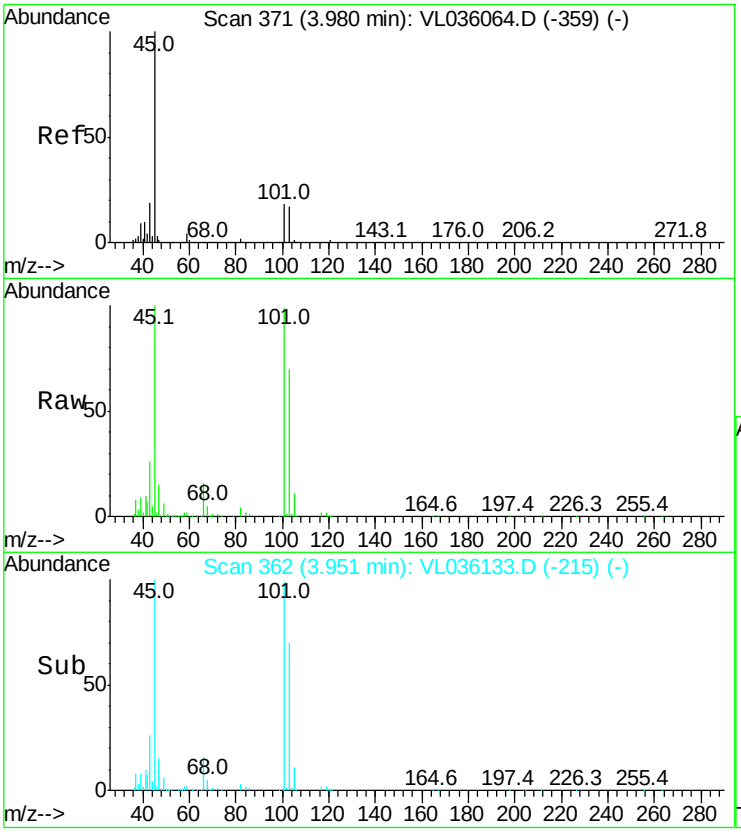


#18
1,1-Dichloroethene
Concen: 9.028 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 96 Resp: 469022

Ion	Ratio	Lower	Upper
96	100		
61	206.5	171.4	257.2
98	62.3	54.2	81.2



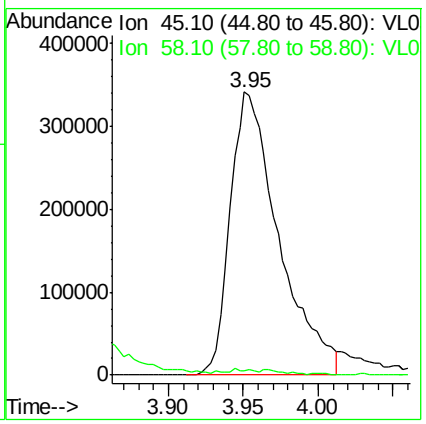


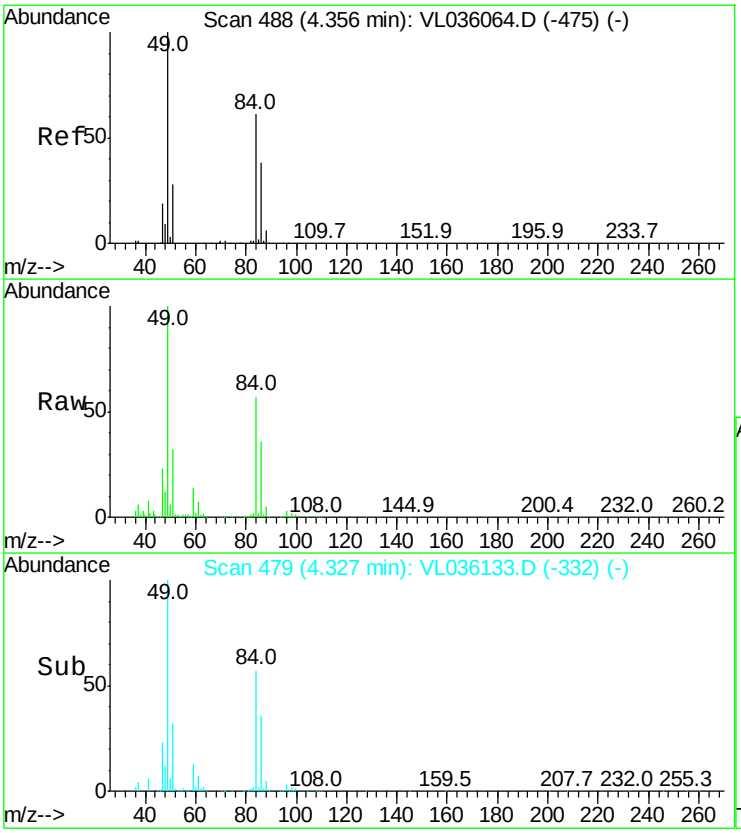
#19
Isopropyl Alcohol
Concen: 8.319 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 45 Resp: 768416

Ion	Ratio	Lower	Upper
45	100		
58	2.0	0.0	0.0#

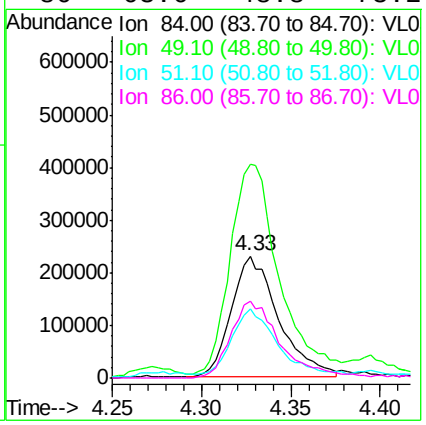


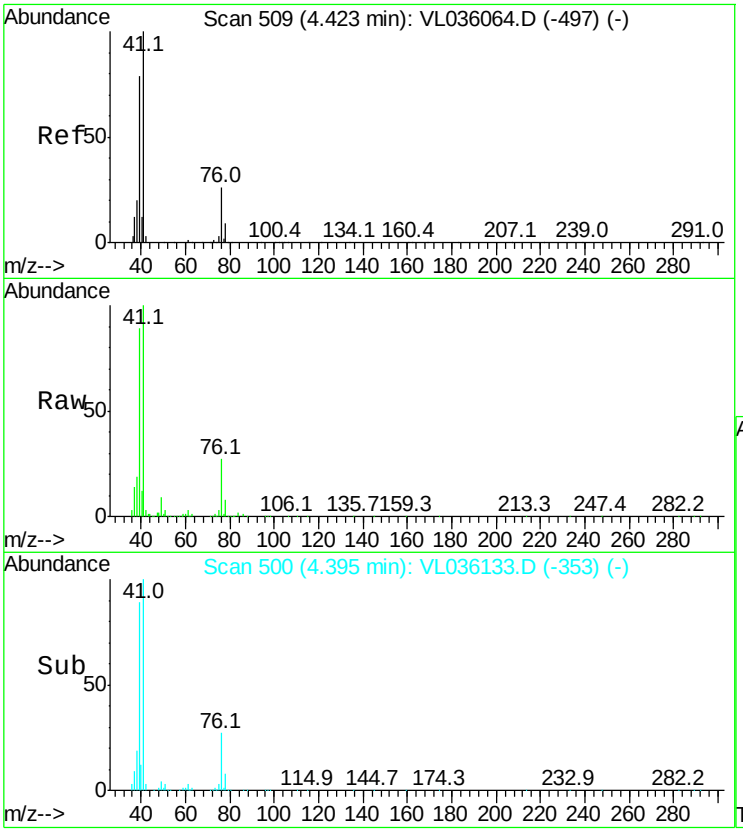


#20
Methylene Chloride
Concen: 6.904 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 84 Resp: 427553

Ion	Ratio	Lower	Upper
84	100		
49	172.8	133.0	199.4
51	53.5	38.9	58.3
86	63.6	48.8	73.2



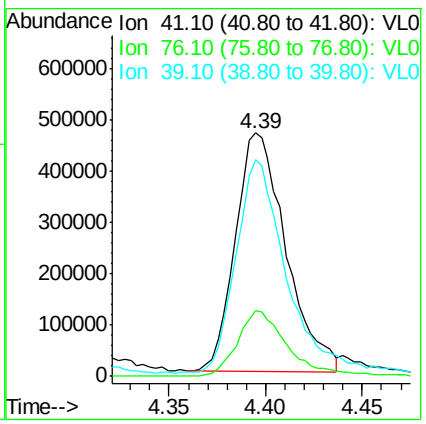


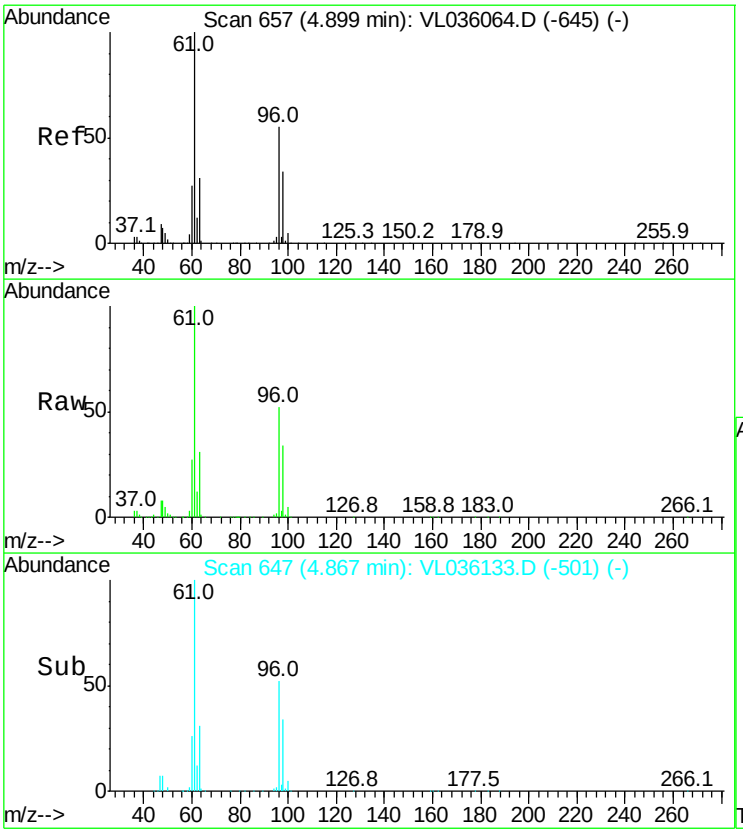
#21
Allyl Chloride
Concen: 8.402 ppbv
RT: 4.39 min Scan# 500
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 41 Resp: 844271

Ion	Ratio	Lower	Upper
41	100		
76	28.0	21.0	31.4
39	96.4	66.0	99.0

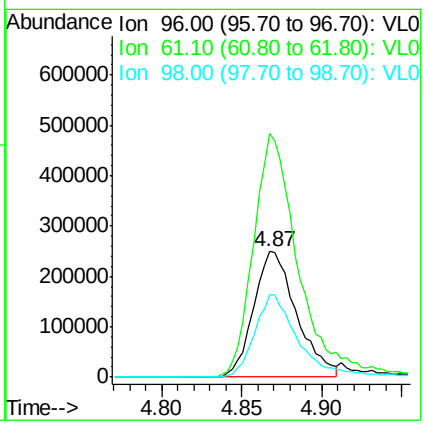


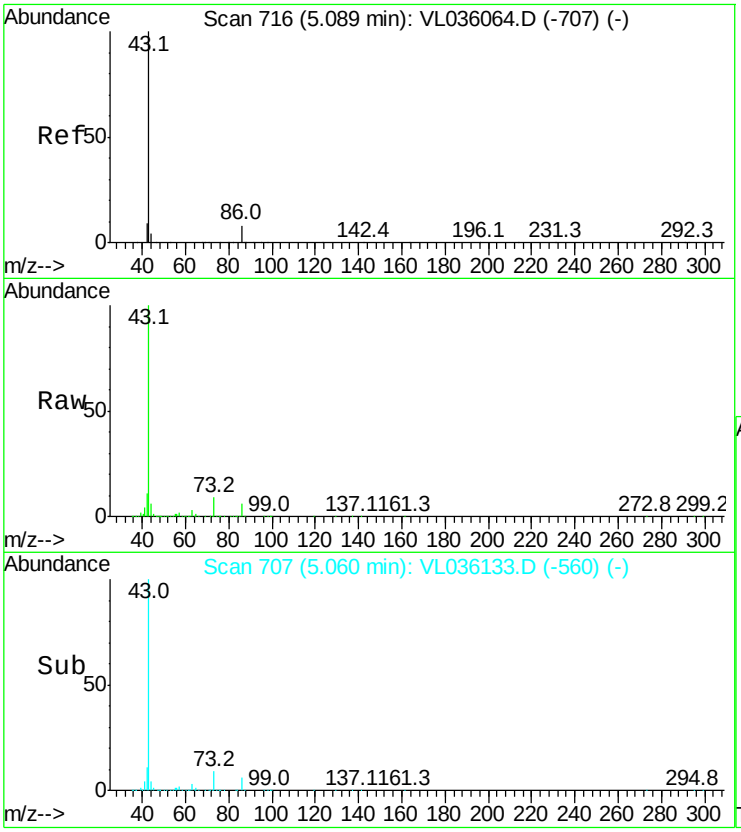


#22
trans-1,2-Dichloroethene
Concen: 8.869 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 96 Resp: 461302

Ion	Ratio	Lower	Upper
96	100		
61	194.1	145.7	218.5
98	65.3	49.2	73.8



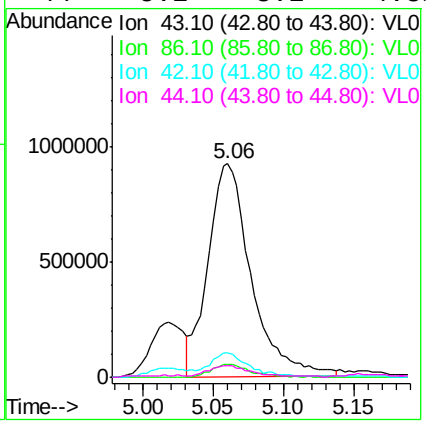


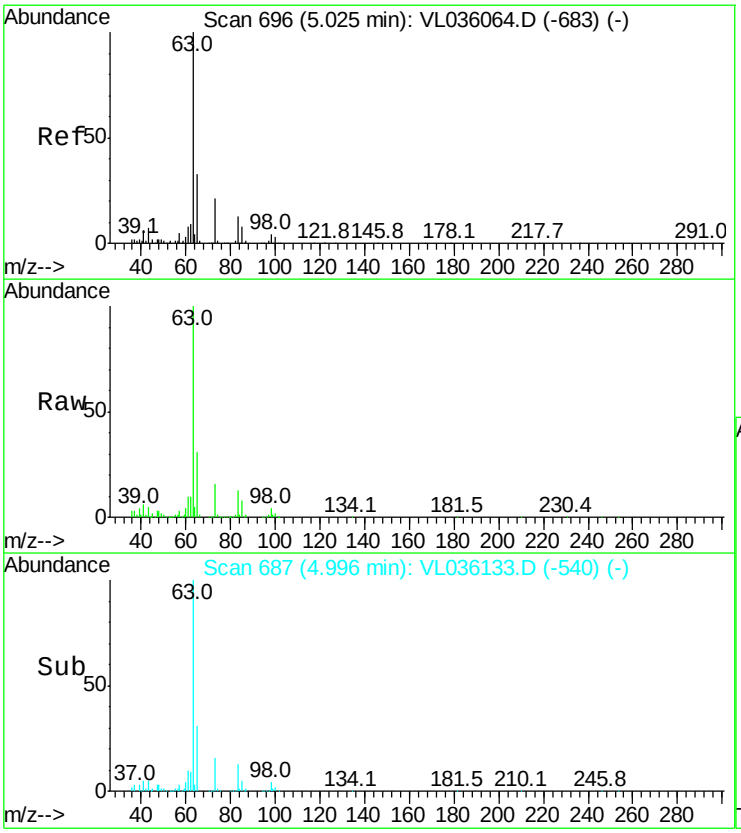
#23
Vinyl Acetate
Concen: 9.775 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 43 Resp: 1966749

Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.4
42	11.0	7.8	11.6
44	5.2	3.2	4.8#

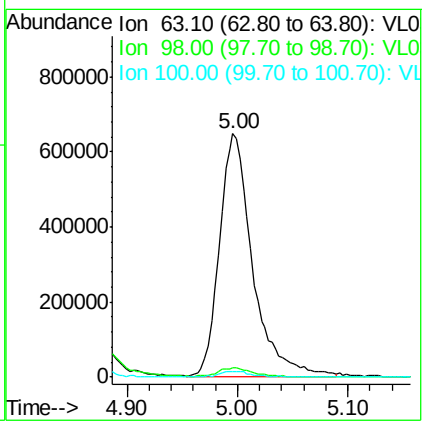


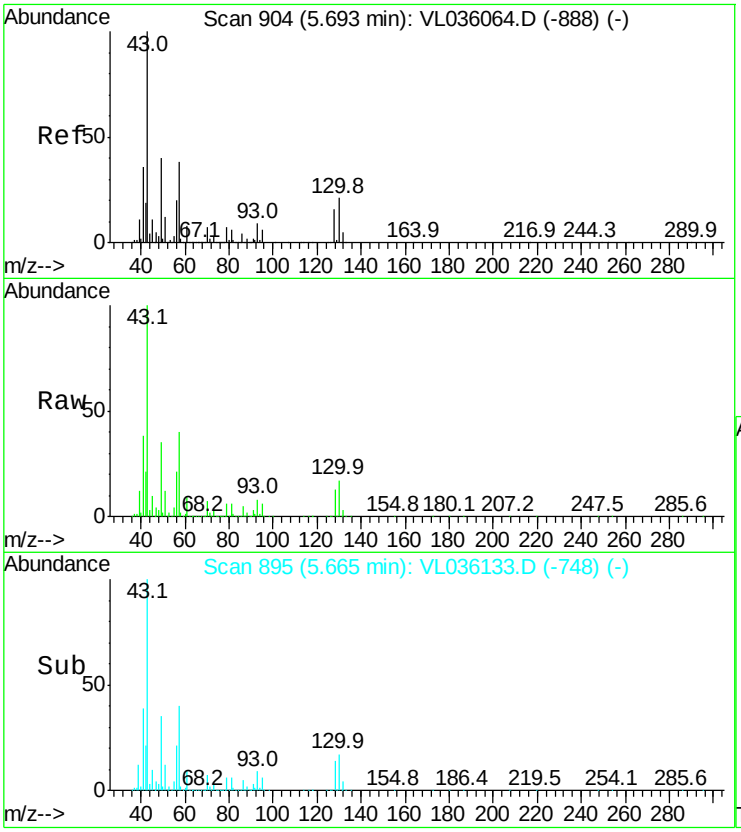


#24
1,1-Dichloroethane
Concen: 9.448 ppbv
RT: 5.00 min Scan# 687
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 63 Resp: 1336998

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.2	6.6
100	2.3	1.5	4.4



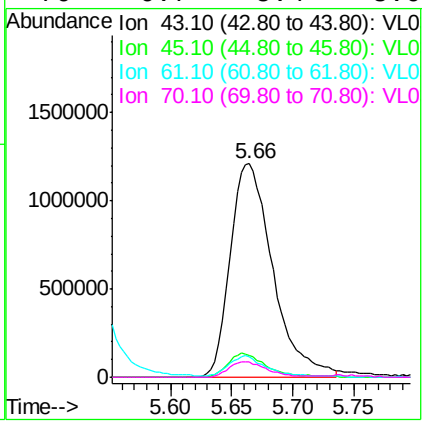


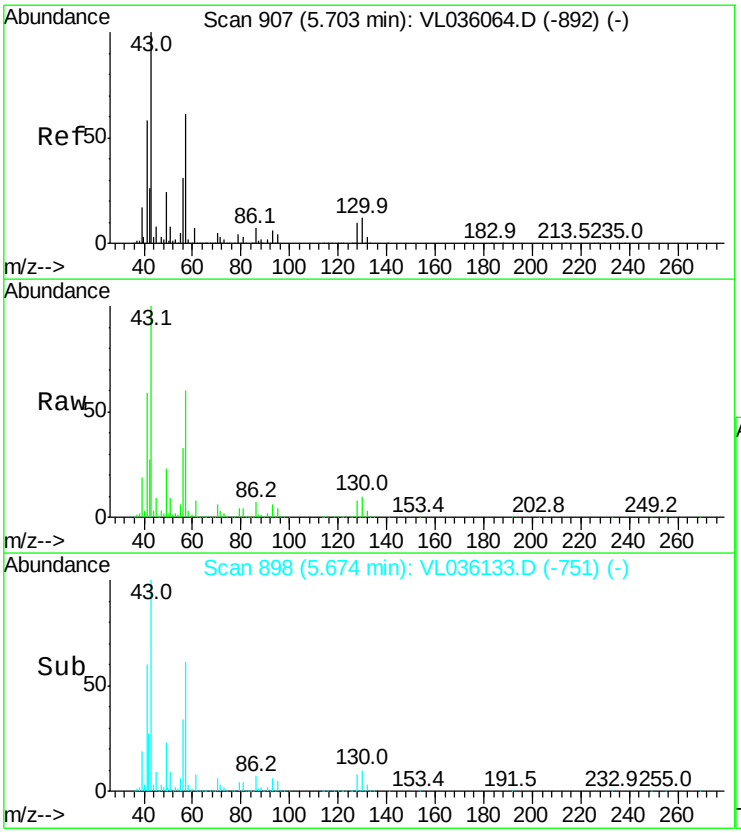
#25
Ethyl Acetate
Concen: 9.664 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 43 Resp: 2917768

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	9.3	7.4	11.2
70	6.7	5.4	8.0

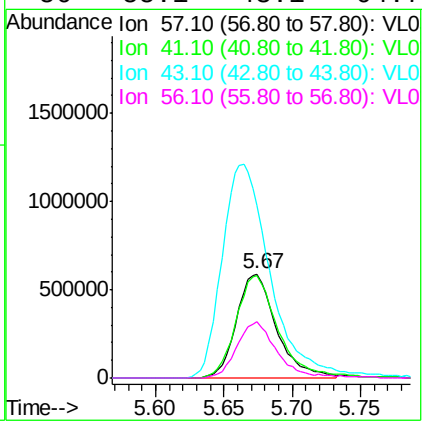


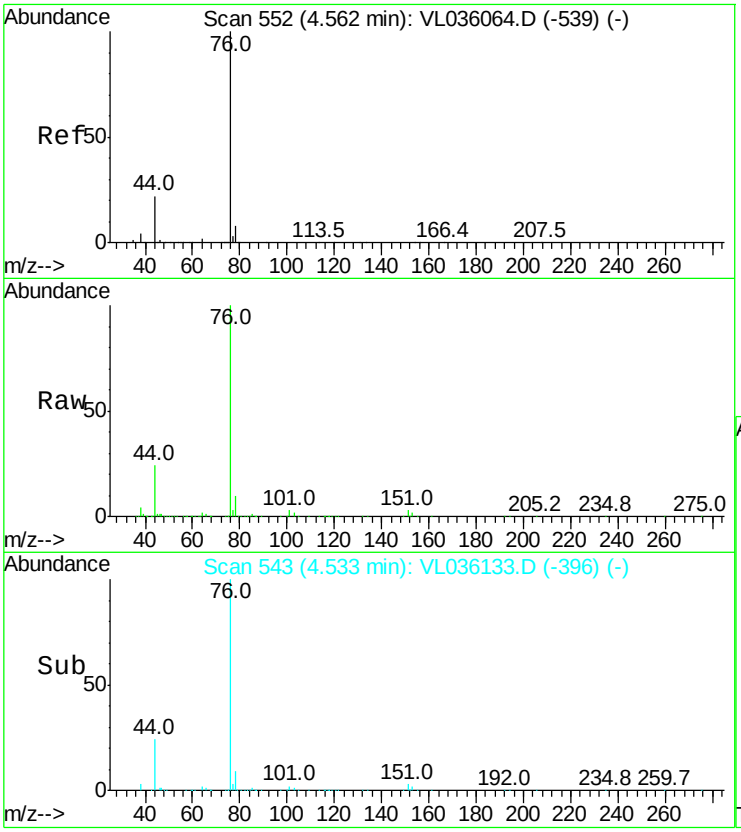


#26
Hexane
Concen: 8.818 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 57 Resp: 1198124

Ion	Ratio	Lower	Upper
57	100		
41	106.2	82.9	124.3
43	250.1	199.9	299.9
56	55.1	43.1	64.7



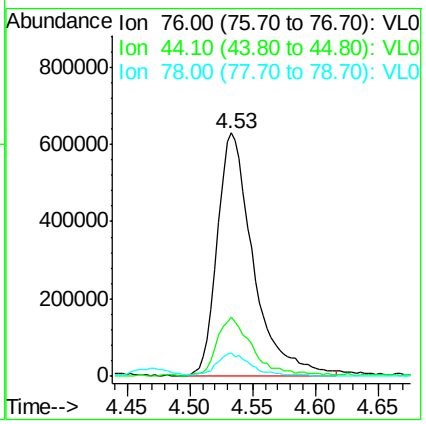


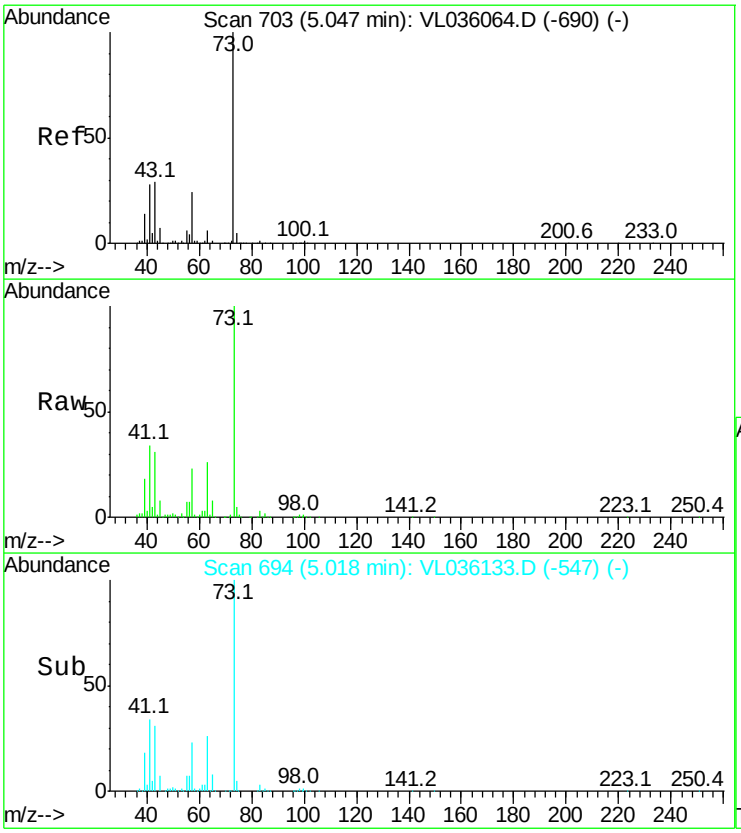
#27
Carbon Disulfide
Concen: 9.266 ppbv
RT: 4.53 min Scan# 543
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 76 Resp: 1251296

Ion	Ratio	Lower	Upper
76	100		
44	25.2	17.9	26.9
78	9.4	7.8	11.8

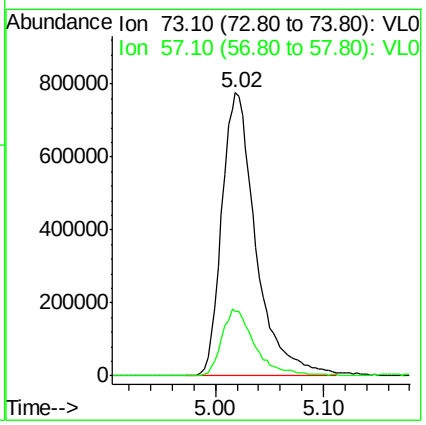


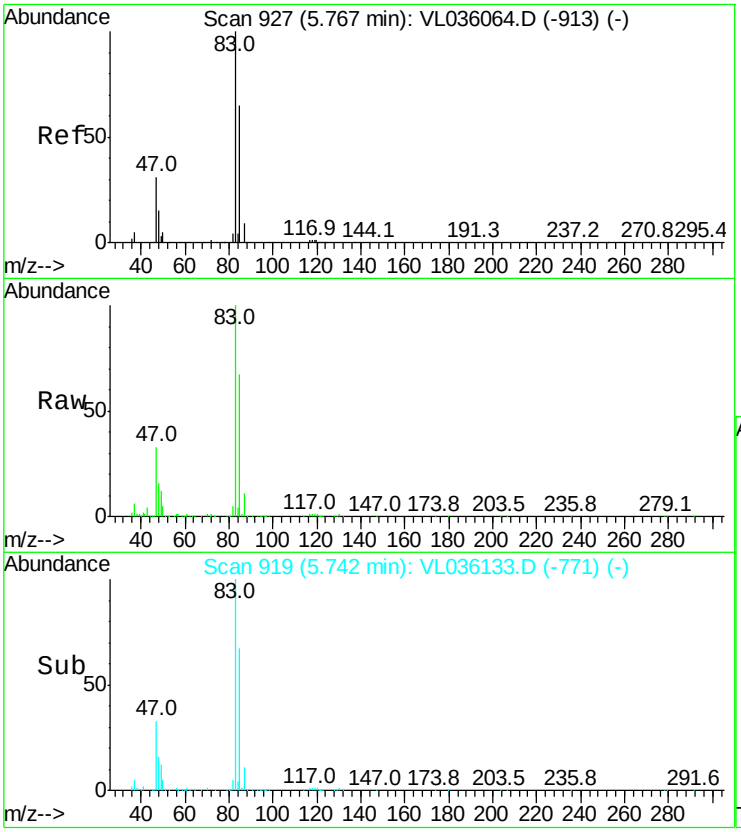


#28
Methyl tert-Butyl Ether
Concen: 8.856 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 73 Resp: 1710762

Ion	Ratio	Lower	Upper
73	100		
57	23.2	19.2	28.8



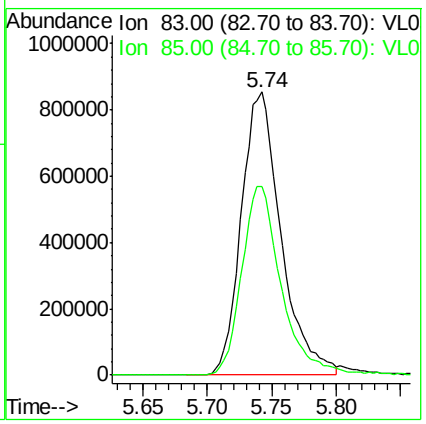


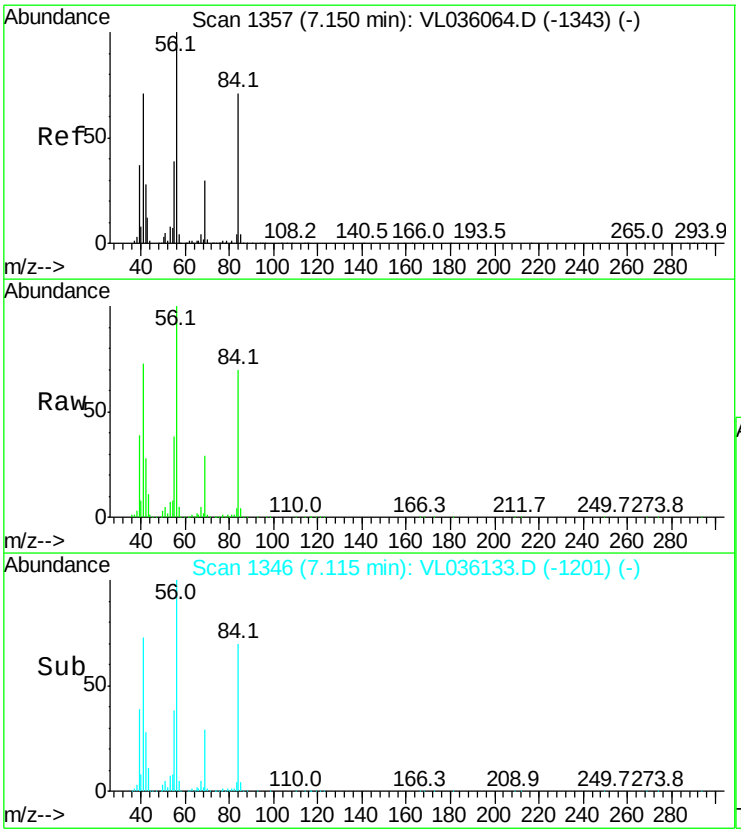
#29
Chloroform
Concen: 10.273 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 83 Resp: 1833078

Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.8	77.6

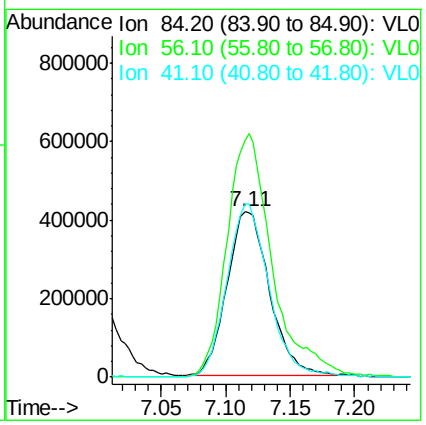


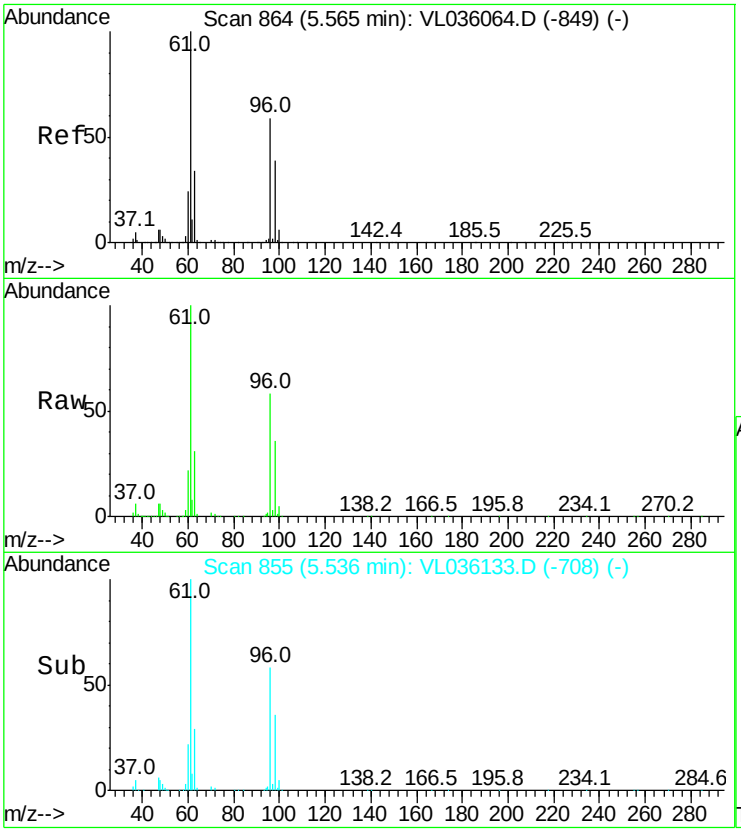


#30
Cyclohexane
Concen: 9.584 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 84 Resp: 956660

Ion	Ratio	Lower	Upper
84	100		
56	159.5	128.0	192.0
41	105.6	81.3	121.9



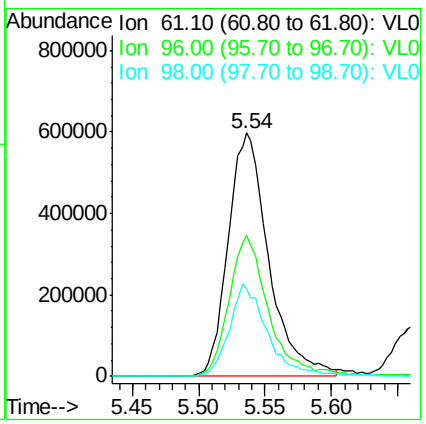


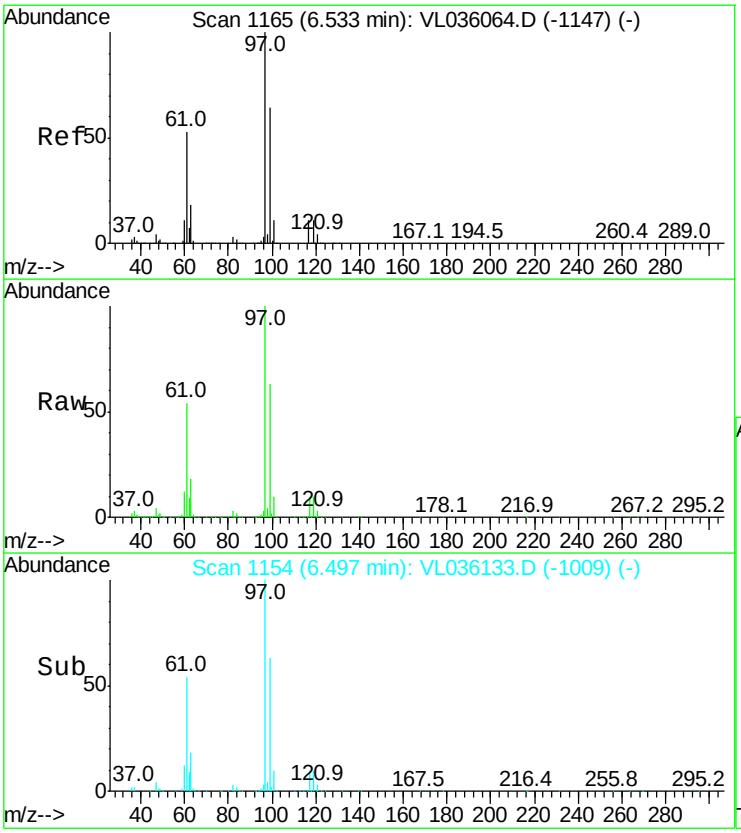
#31
cis-1,2-Dichloroethene
Concen: 10.245 ppbv
RT: 5.54 min Scan# 855
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 61 Resp: 1265513

Ion	Ratio	Lower	Upper
61	100		
96	57.9	47.3	70.9
98	35.8	31.4	47.0

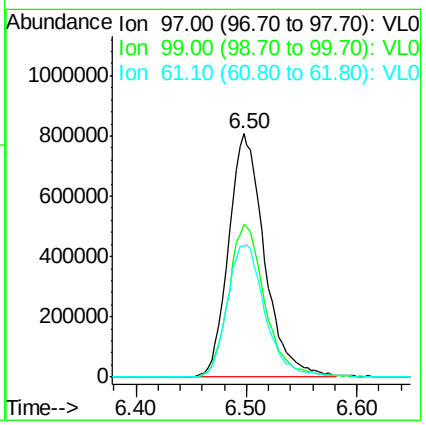


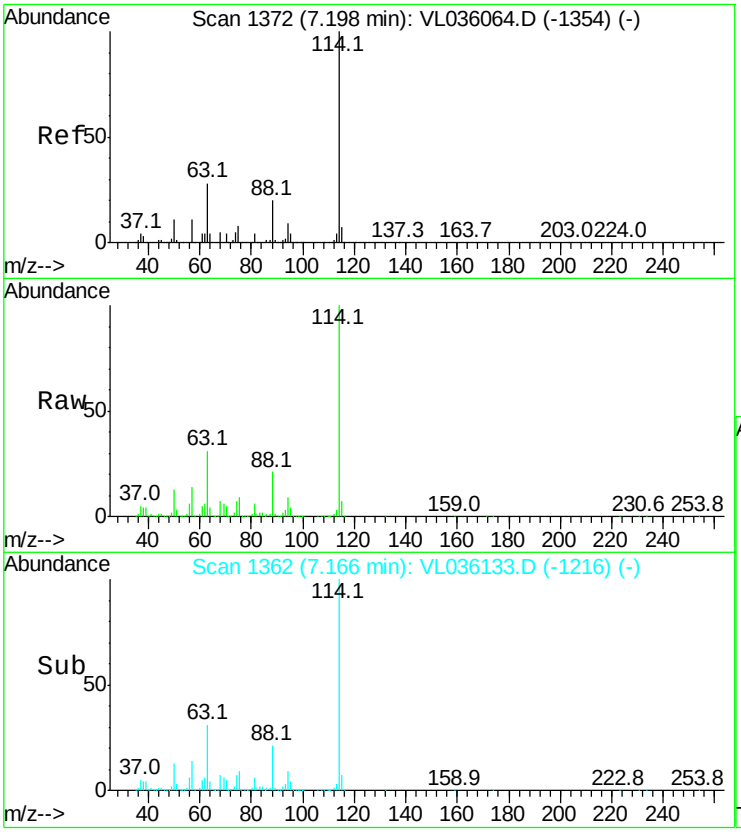


#32
1,1,1-Trichloroethane
Concen: 9.877 ppbv
RT: 6.50 min Scan# 1154
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 97 Resp: 1818689

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.4	78.6
61	57.6	43.4	65.0



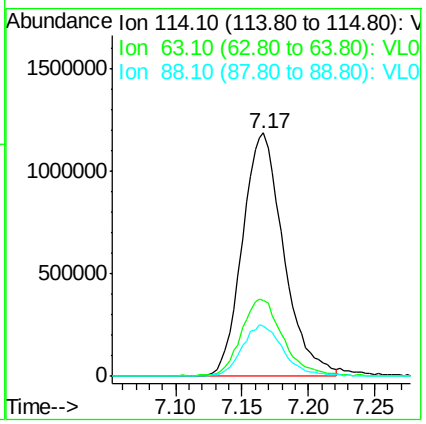


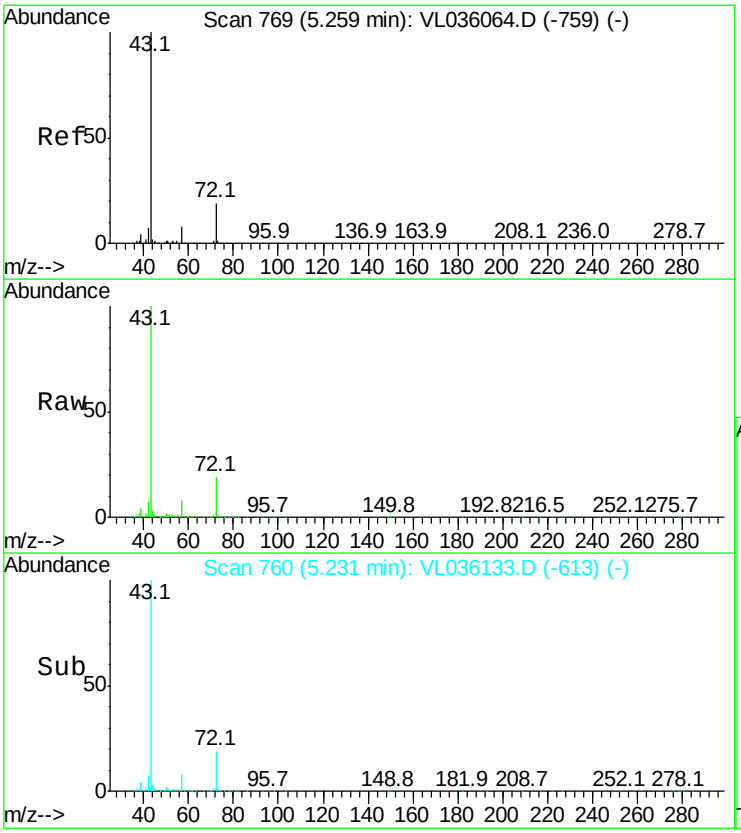
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion:114 Resp: 2575266

Ion	Ratio	Lower	Upper
114	100		
63	32.7	23.6	35.4
88	21.4	15.8	23.6

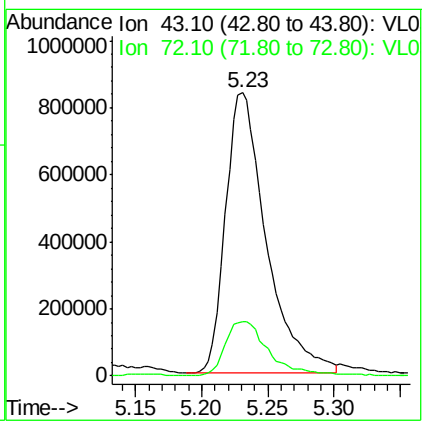


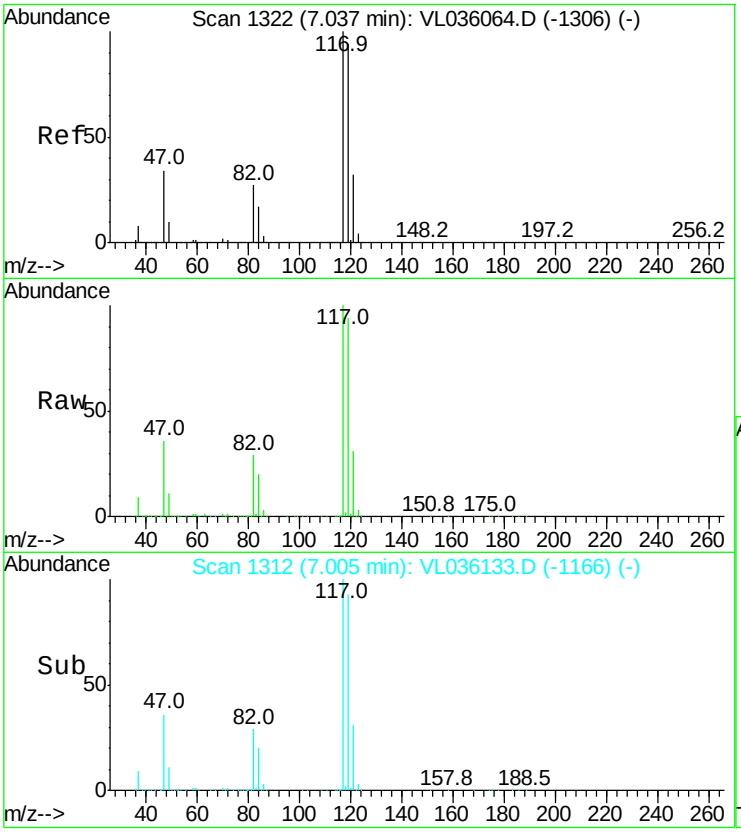


#34
2-Butanone
Concen: 10.500 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 43 Resp: 1793611

Ion	Ratio	Lower	Upper
43	100		
72	20.7	16.5	24.7



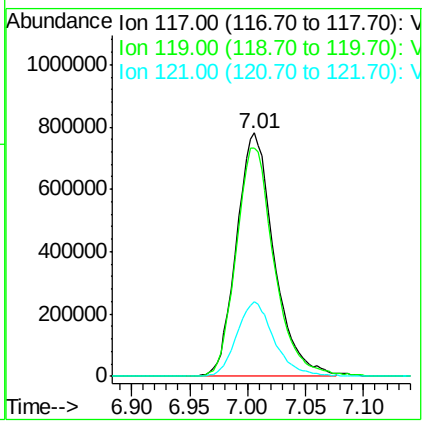


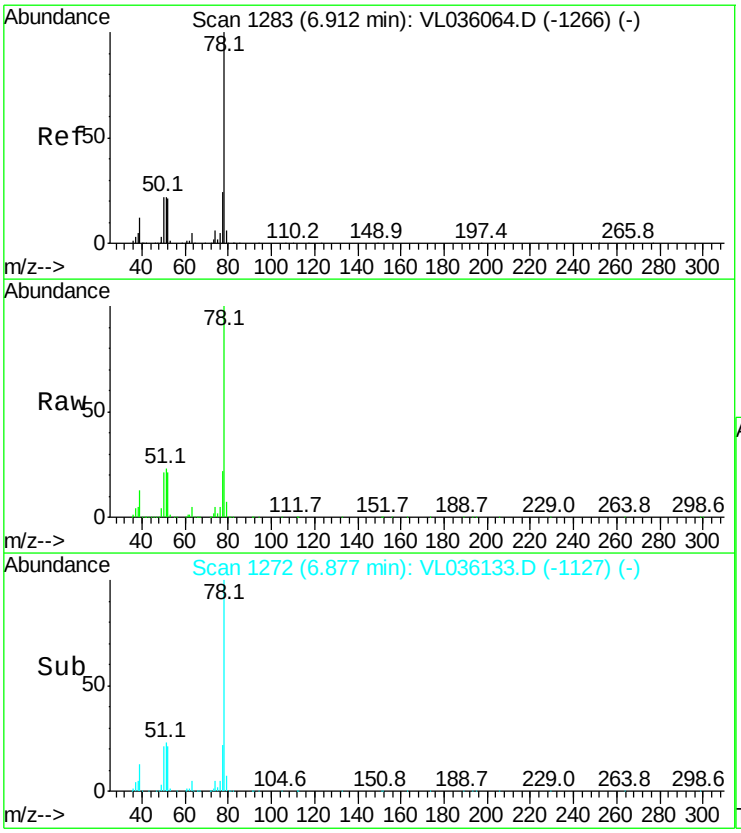
#35
Carbon Tetrachloride
Concen: 11.736 ppbv
RT: 7.01 min Scan# 1312
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion:117 Resp: 1762445

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.1	112.7
121	30.6	25.6	38.4

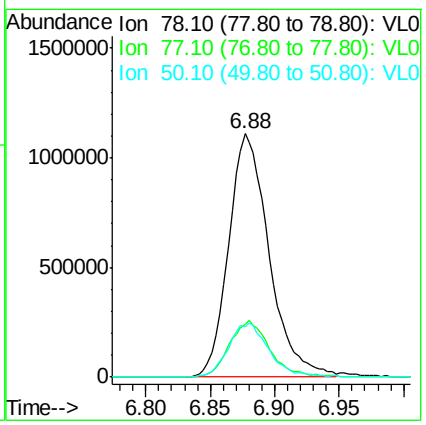


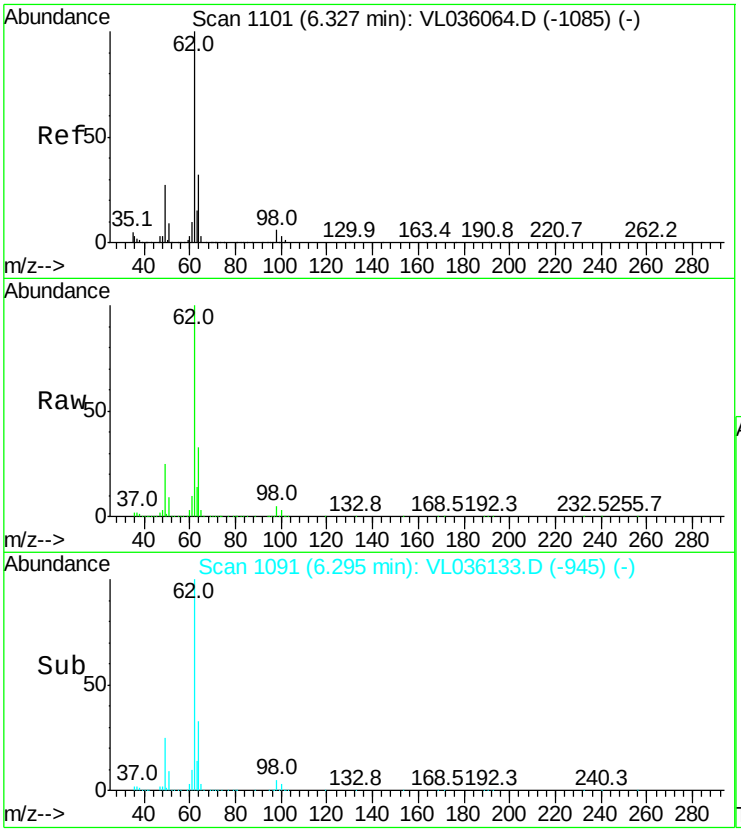


#36
Benzene
Concen: 11.085 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 78 Resp: 2419285

Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.4	29.2
50	20.8	17.8	26.8



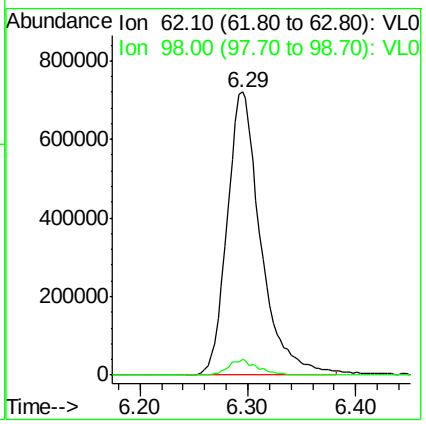


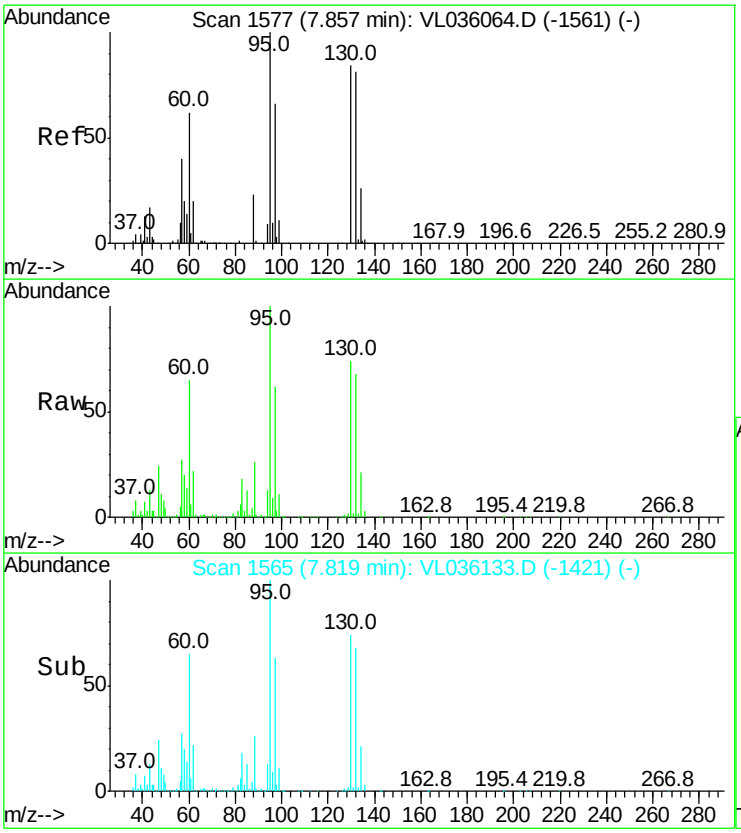
#37
1,2-Dichloroethane
Concen: 12.385 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 62 Resp: 1566251

Ion	Ratio	Lower	Upper
62	100		
98	5.2	4.6	7.0

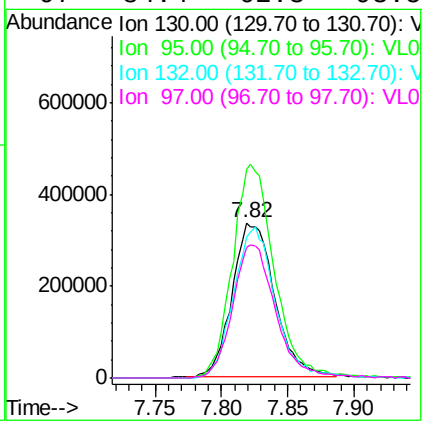


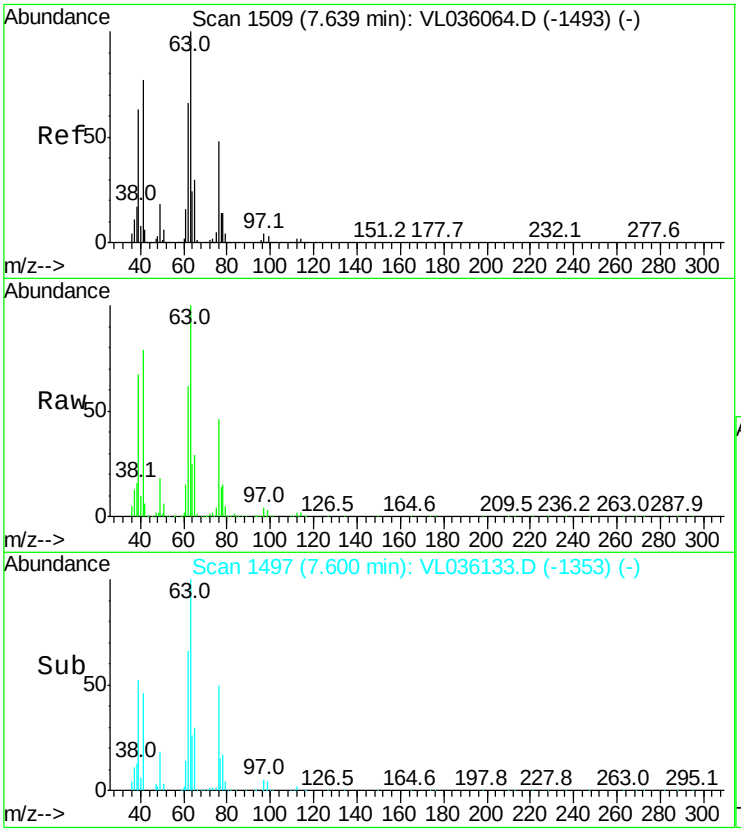


#38
Trichloroethene
Concen: 9.232 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:130 Resp: 753152

Ion	Ratio	Lower	Upper
130	100		
95	135.1	95.2	142.8
132	91.3	76.9	115.3
97	84.4	62.3	93.5



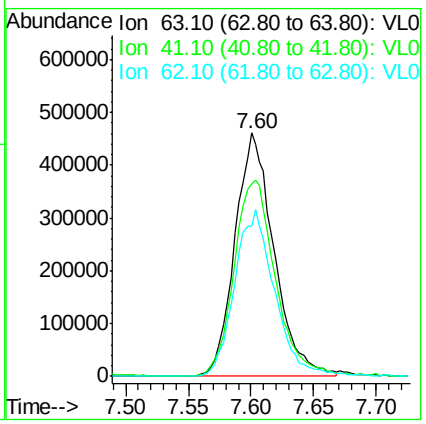


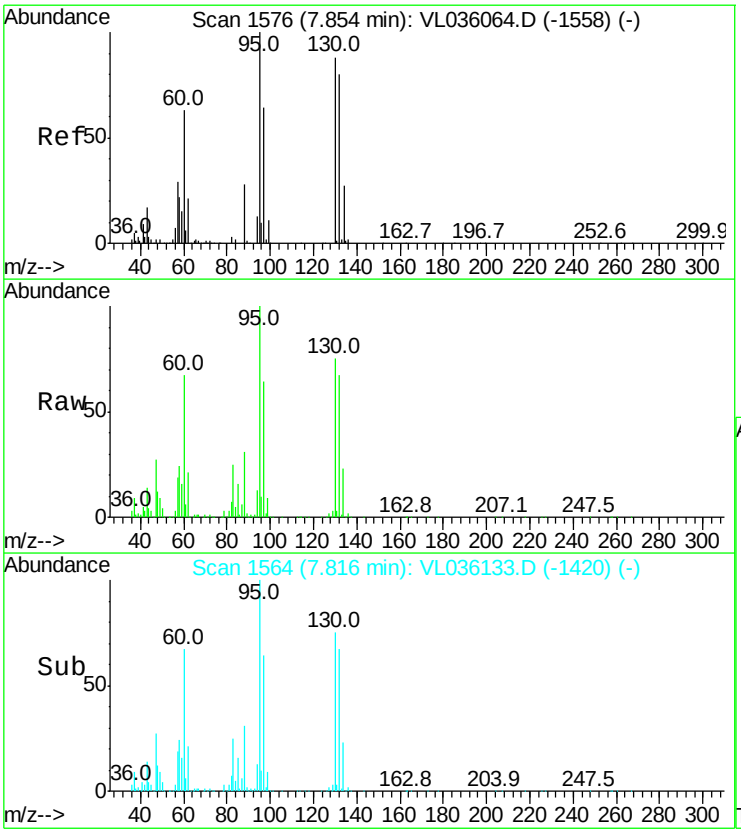
#39
1,2-Dichloropropane
Concen: 11.555 ppbv
RT: 7.60 min Scan# 1497
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 63 Resp: 995886

Ion	Ratio	Lower	Upper
63	100		
41	78.7	61.9	92.9
62	61.8	52.5	78.7

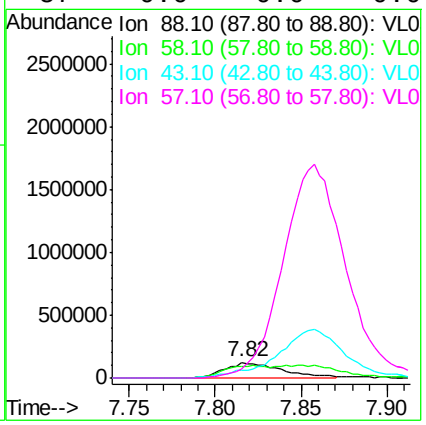


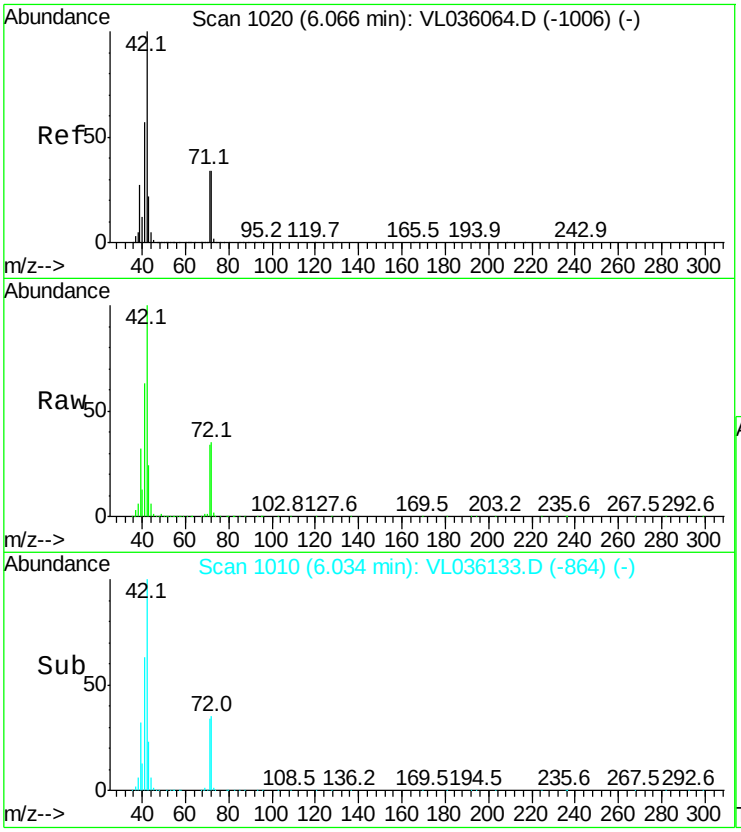


#40
1,4-Dioxane
Concen: 10.448 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 88 Resp: 283241

Ion	Ratio	Lower	Upper
88	100		
58	63.2	122.6	184.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



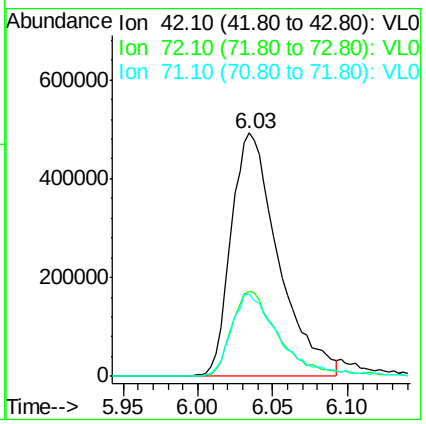


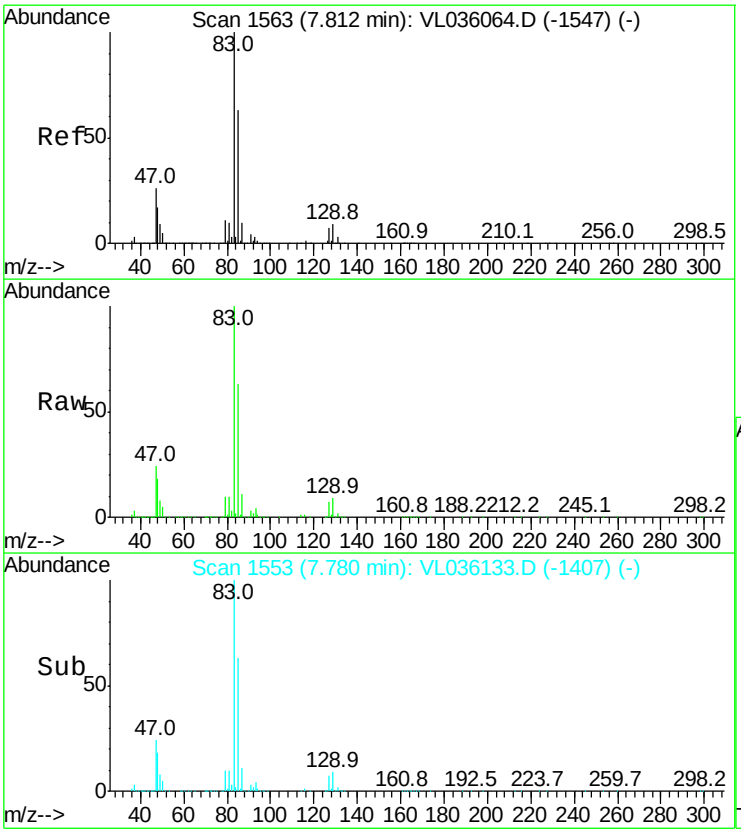
#41
Tetrahydrofuran
Concen: 10.641 ppbv
RT: 6.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 42 Resp: 1079838

Ion	Ratio	Lower	Upper
42	100		
72	36.1	28.3	42.5
71	35.1	27.3	40.9

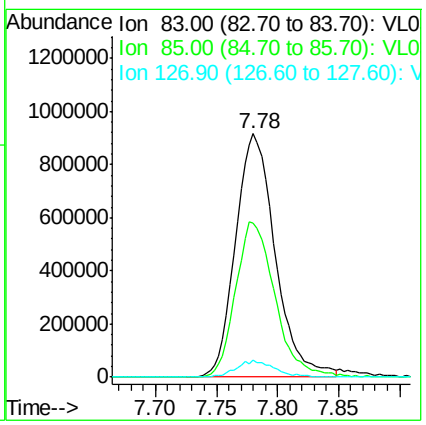


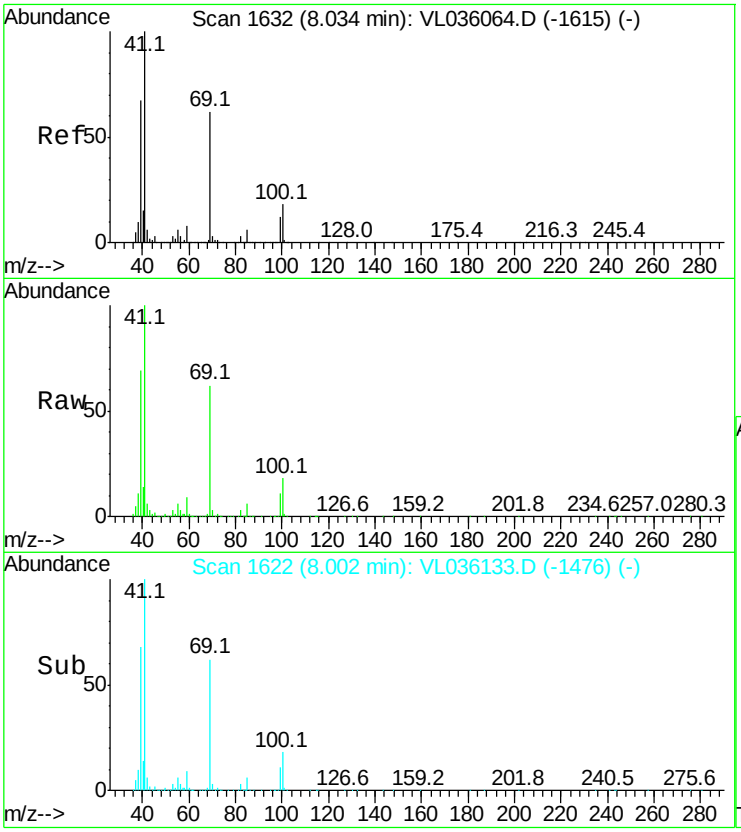


#42
Bromodichloromethane
Concen: 12.233 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 83 Resp: 2061442

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.2	75.2
127	6.8	5.5	8.3



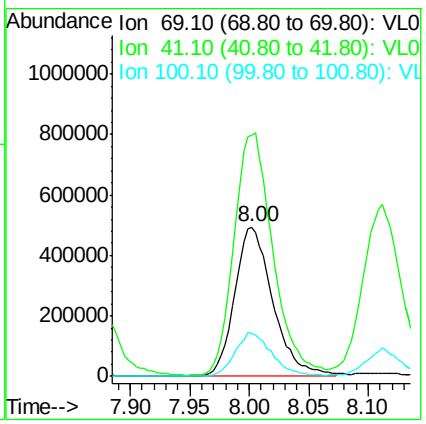


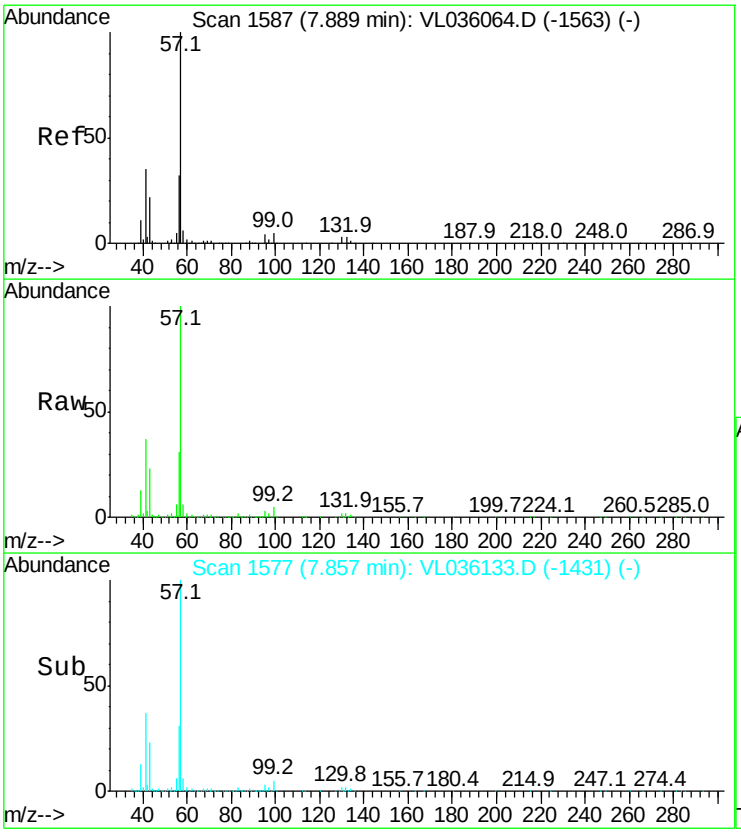
#43
Methyl Methacrylate
Concen: 11.744 ppbv
RT: 8.00 min Scan# 1622
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 69 Resp: 1099574

Ion	Ratio	Lower	Upper
69	100		
41	167.0	133.0	199.6
100	28.5	25.4	38.0

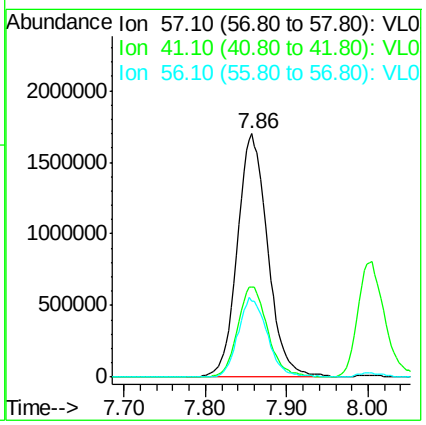


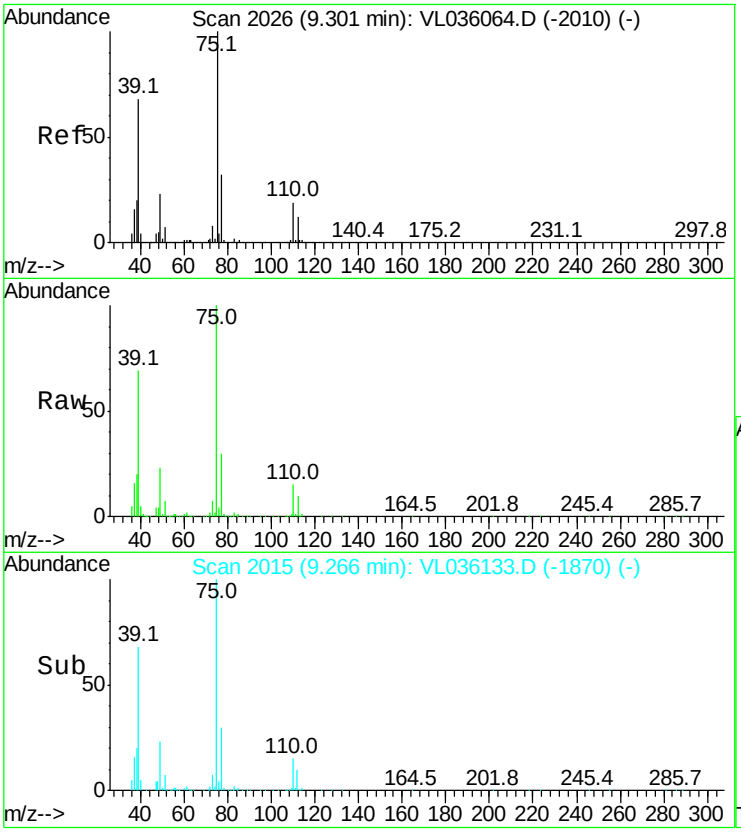


#44
2,2,4-Trimethylpentane
Concen: 11.053 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 57 Resp: 4368735

Ion	Ratio	Lower	Upper
57	100		
41	36.3	28.9	43.3
56	31.3	25.3	37.9



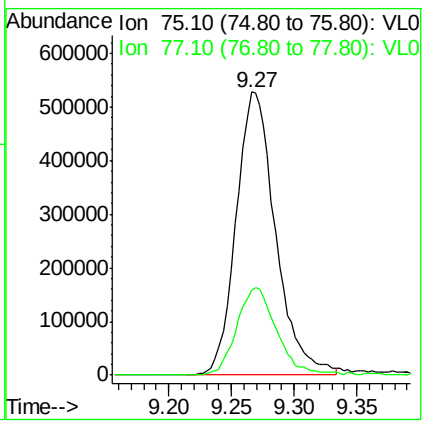


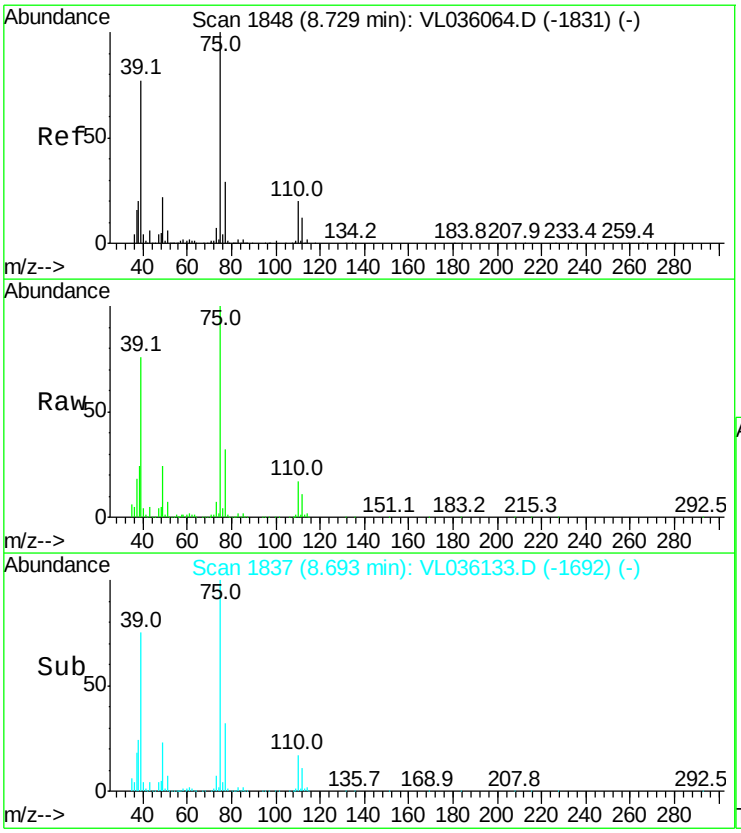
#45
t-1,3-Dichloropropene
Concen: 11.982 ppbv
RT: 9.27 min Scan# 2015
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 75 Resp: 1152553

Ion	Ratio	Lower	Upper
75	100		
77	30.0	26.0	39.0

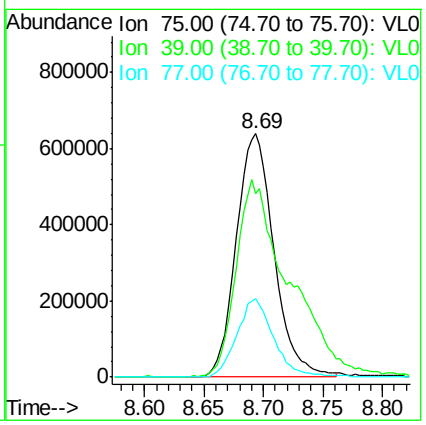


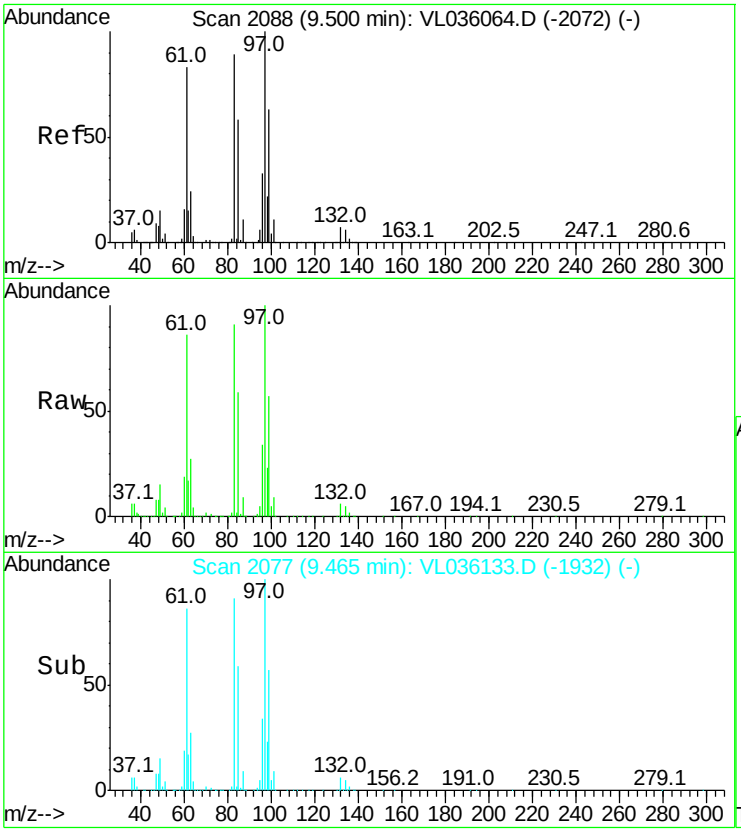


#46
cis-1,3-Dichloropropene
Concen: 11.658 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 75 Resp: 1405533

Ion	Ratio	Lower	Upper
75	100		
39	75.2	61.6	92.4
77	32.5	23.0	34.6



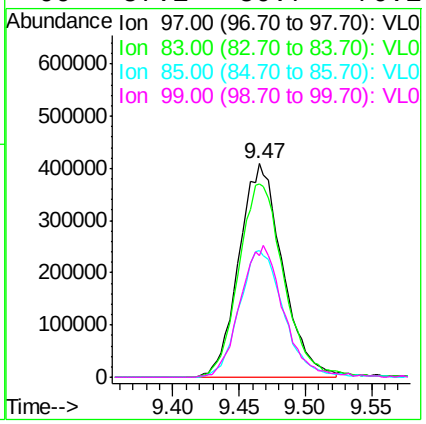


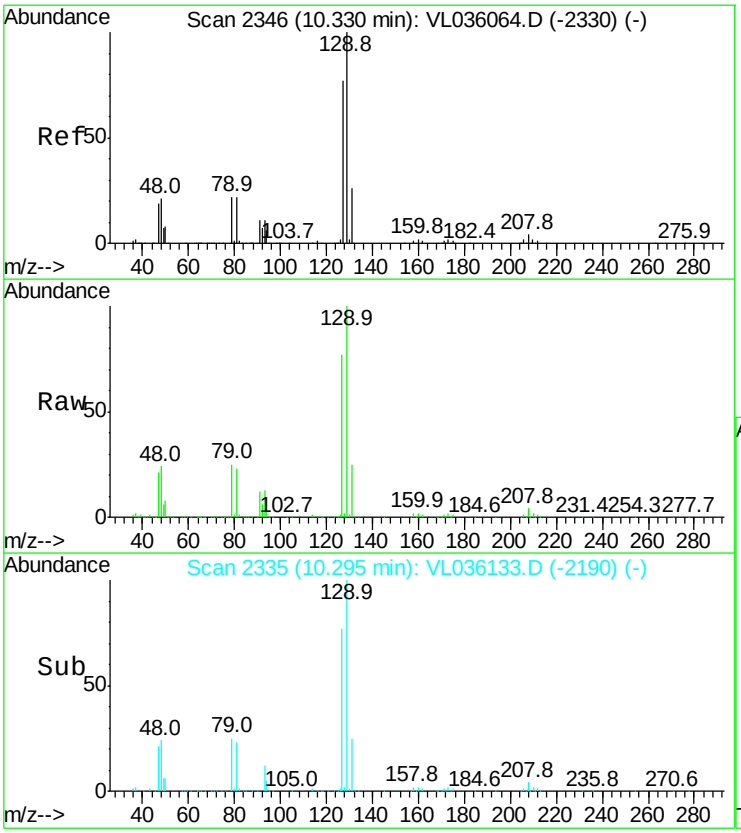
#47
1,1,2-Trichloroethane
Concen: 11.250 ppbv
RT: 9.47 min Scan# 2077
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 97 Resp: 932807

Ion	Ratio	Lower	Upper
97	100		
83	90.6	71.4	107.2
85	59.5	46.6	70.0
99	57.1	50.7	76.1

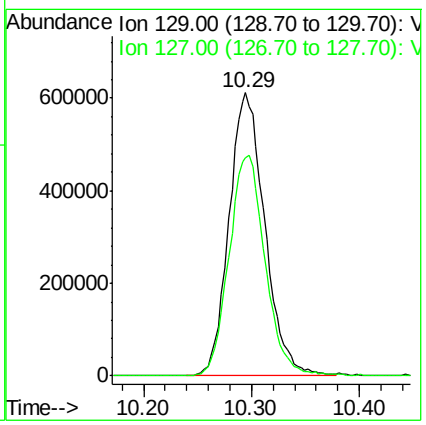


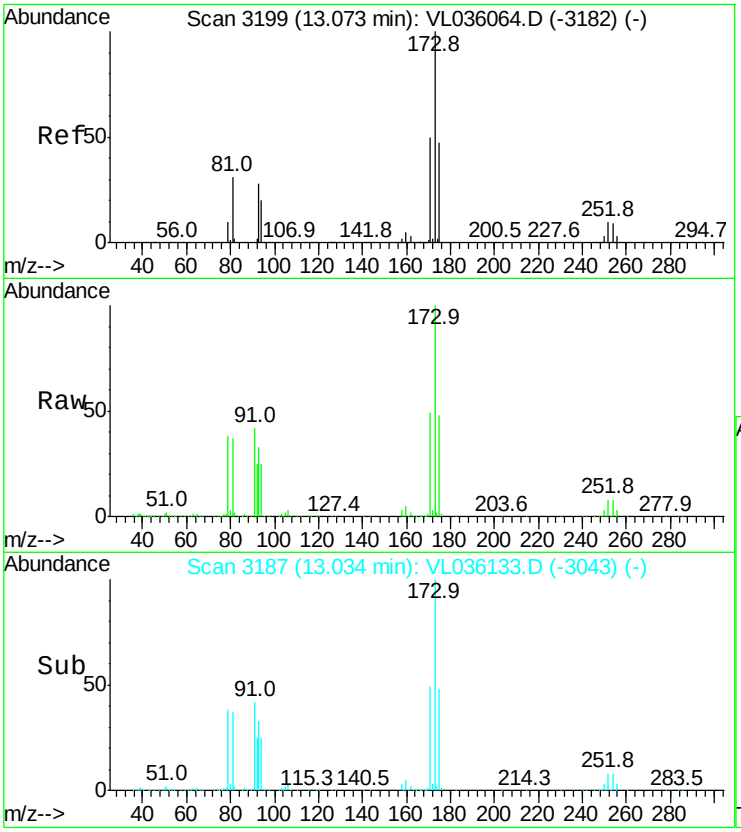


#48
Dibromochloromethane
Concen: 11.260 ppbv
RT: 10.29 min Scan# 2335
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:129 Resp: 1409980

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.0	117.0



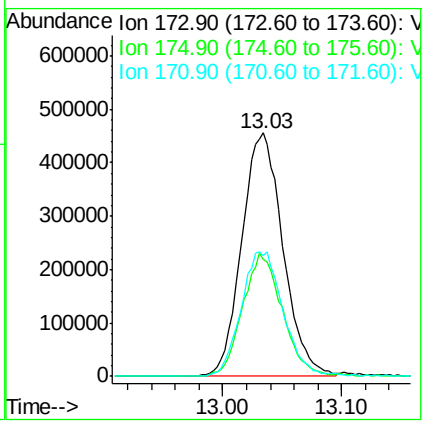


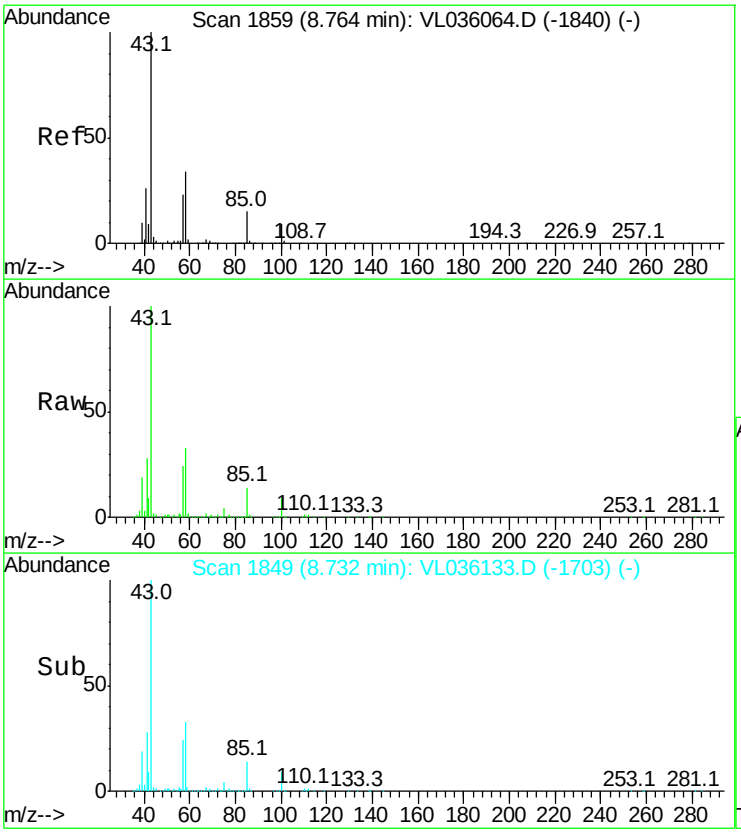
#49
Bromoform
Concen: 11.072 ppbv
RT: 13.03 min Scan# 3187
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion:173 Resp: 1091186

Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.8	59.6
171	52.1	42.5	63.7

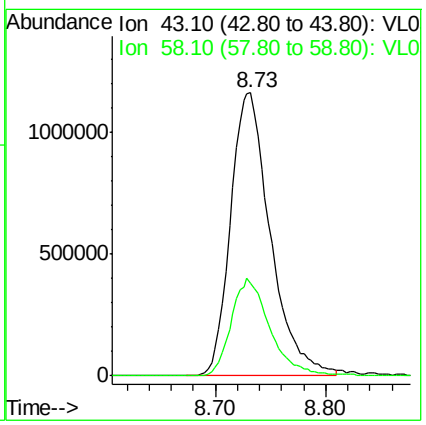


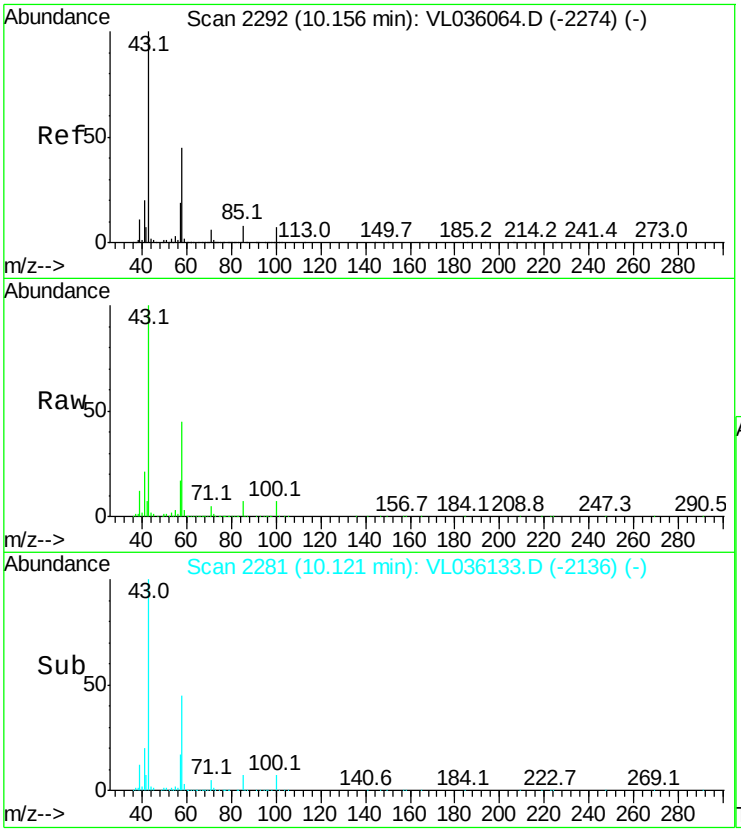


#50
4-Methyl-2-Pentanone
Concen: 11.383 ppbv
RT: 8.73 min Scan# 1849
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 43 Resp: 2899890

Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.4	41.2



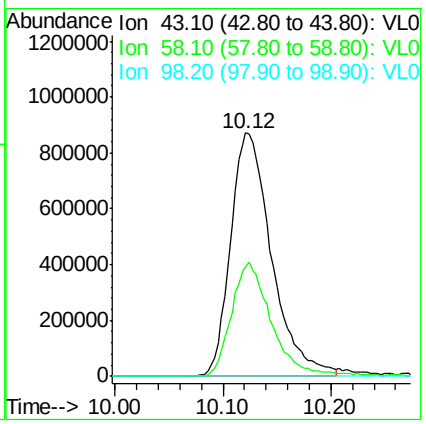


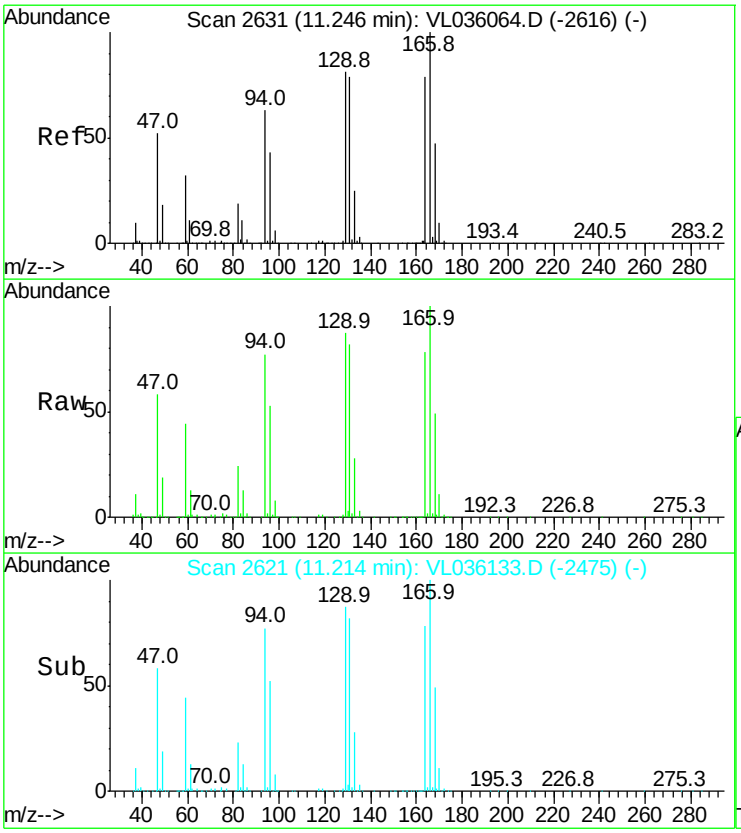
#51
2-Hexanone
Concen: 11.559 ppbv
RT: 10.12 min Scan# 2281
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 43 Resp: 2301774

Ion	Ratio	Lower	Upper
43	100		
58	46.2	38.7	58.1
98	0.0	0.1	0.1#

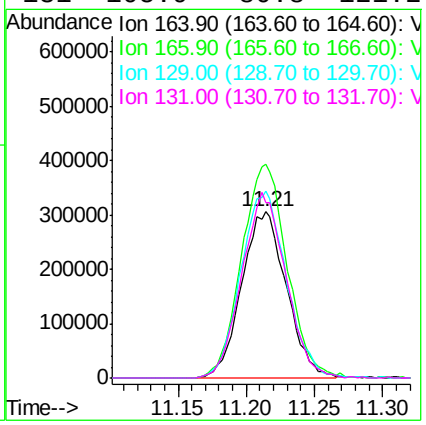


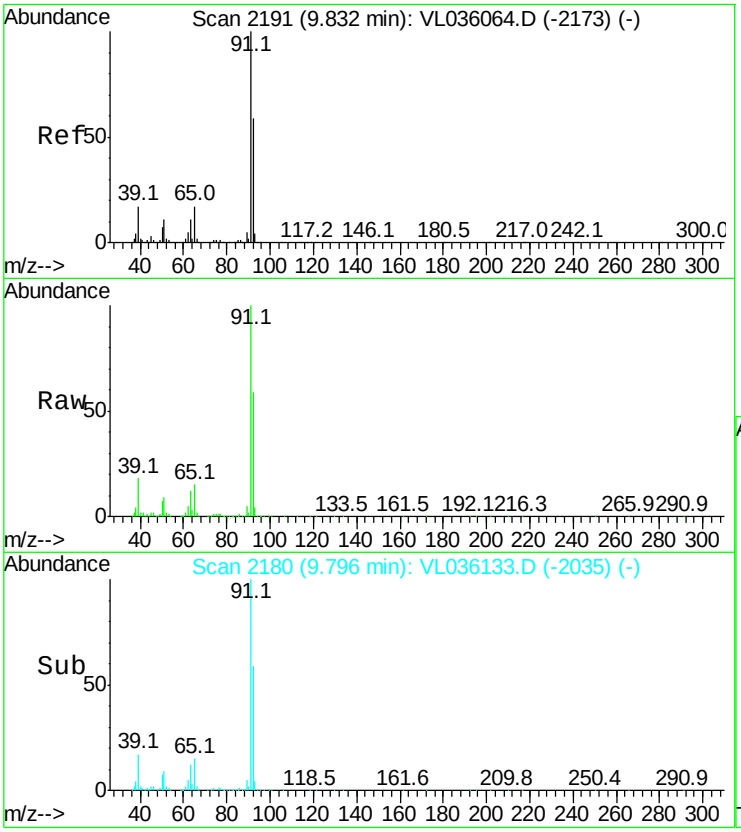


#52
Tetrachloroethene
Concen: 8.794 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:164 Resp: 694751

Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.9	152.9
129	112.4	82.1	123.1
131	105.9	80.8	121.2



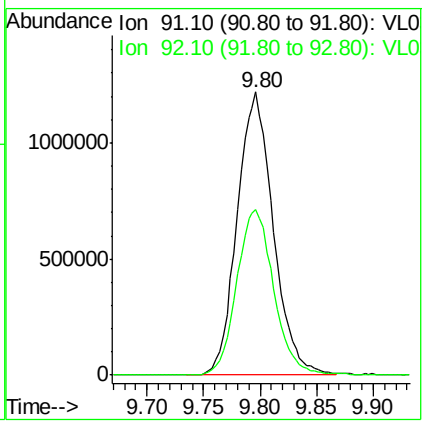


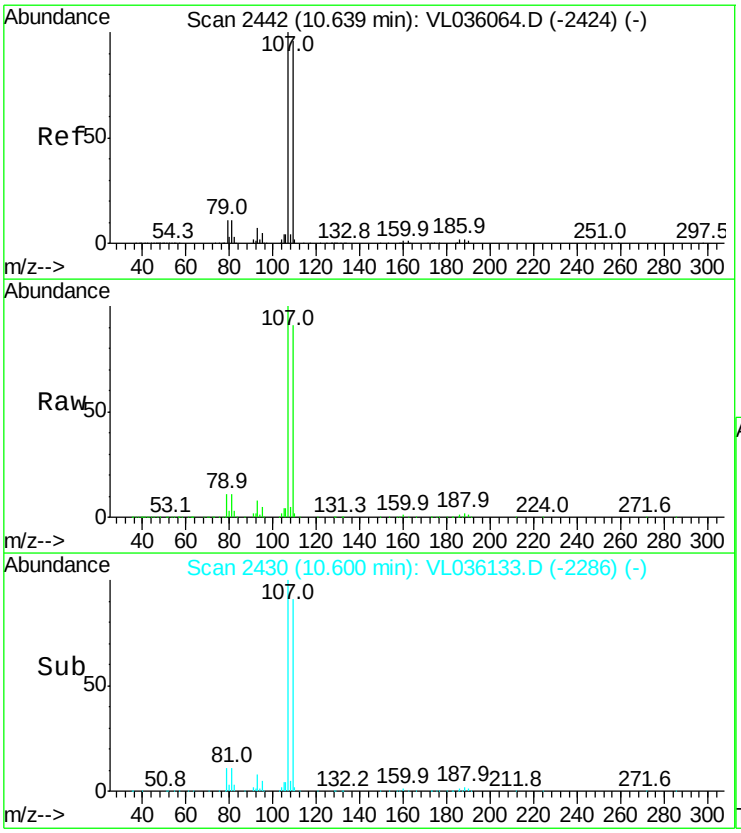
#53
Toluene
Concen: 11.026 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 91 Resp: 2702066

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.2	72.2

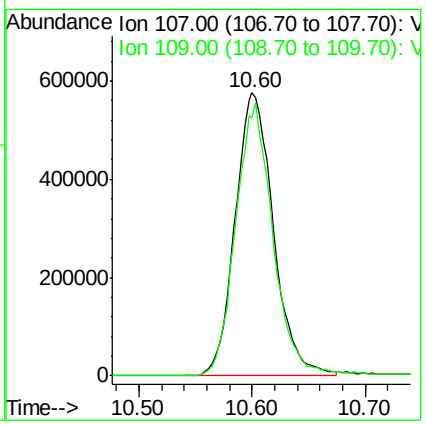


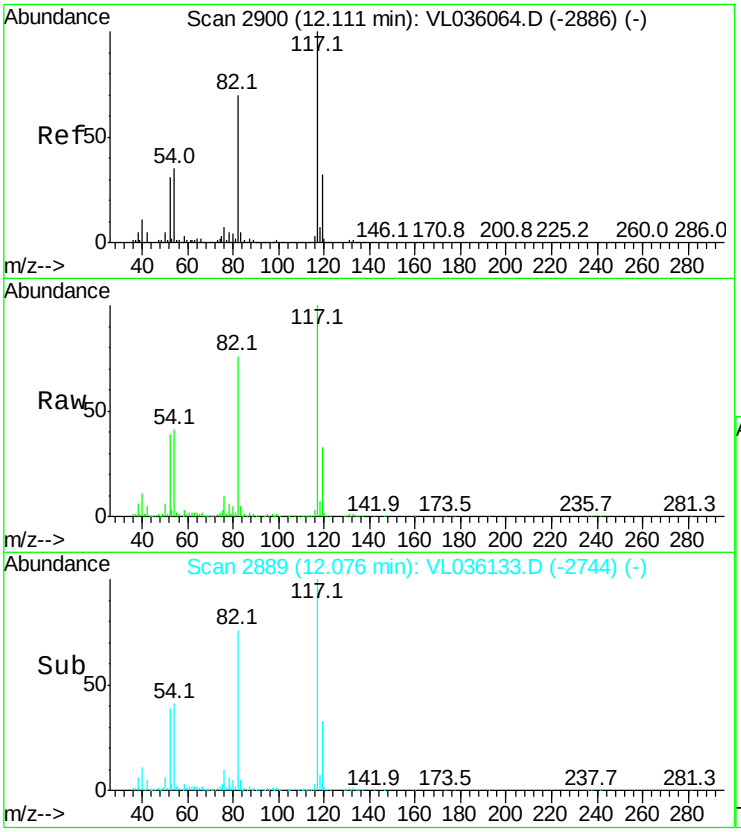


#54
1,2-Dibromoethane
Concen: 10.898 ppbv
RT: 10.60 min Scan# 2430
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:107 Resp: 1354529

Ion	Ratio	Lower	Upper
107	100		
109	91.1	76.6	115.0



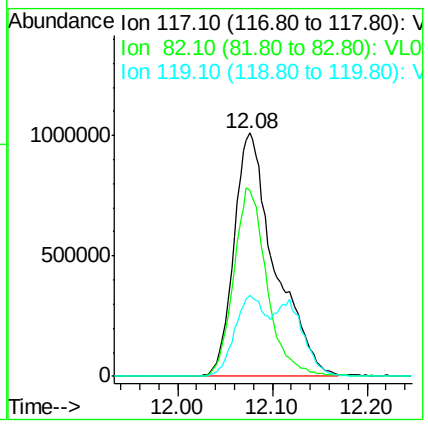


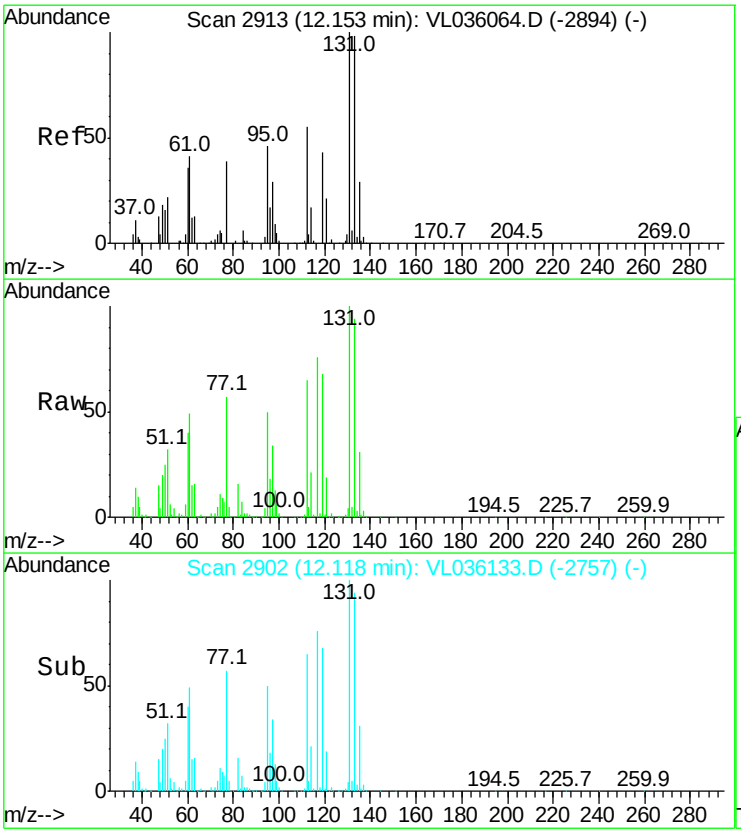
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion:117 Resp: 3039087

Ion	Ratio	Lower	Upper
117	100		
82	63.2	0.0	0.0#
119	25.7	0.0	0.0#

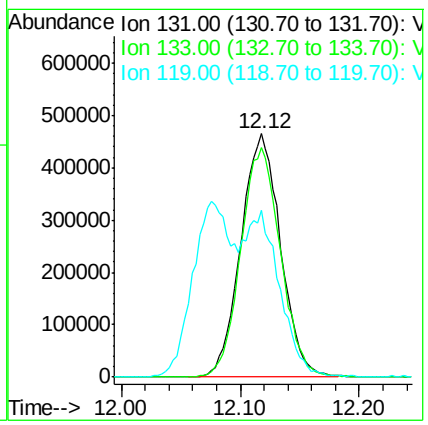


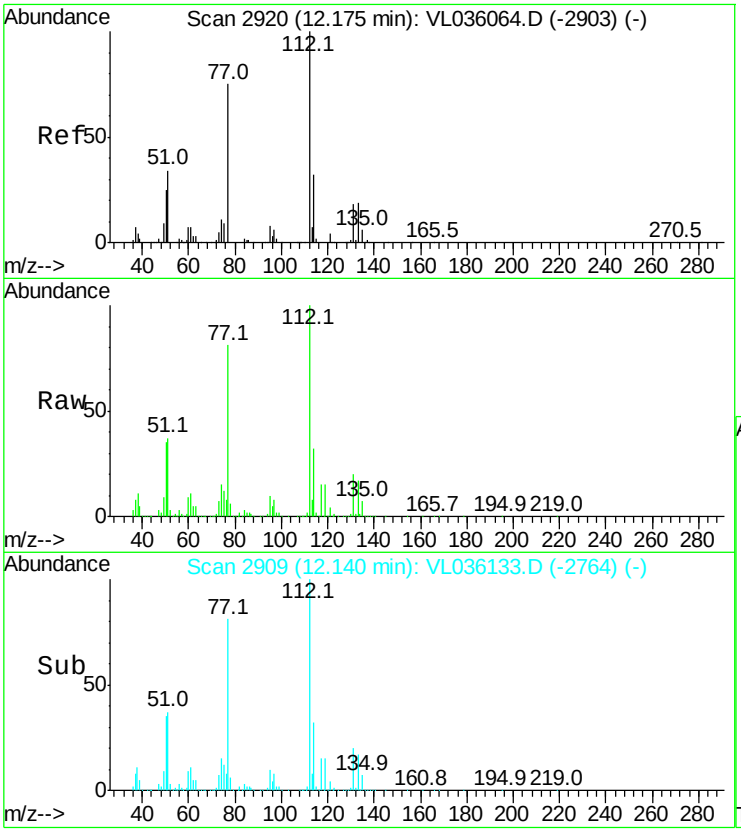


#56
1,1,1,2-Tetrachloroethane
Concen: 8.503 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:131 Resp: 1071519

Ion	Ratio	Lower	Upper
131	100		
133	94.8	77.7	116.5
119	69.8	51.6	77.4



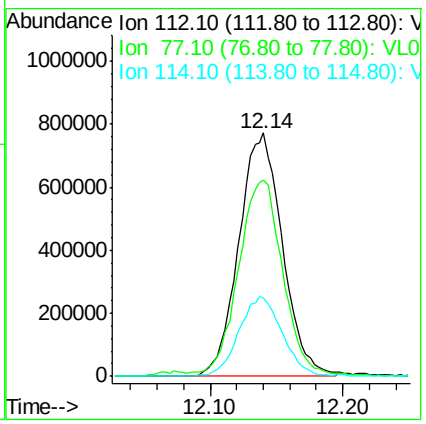


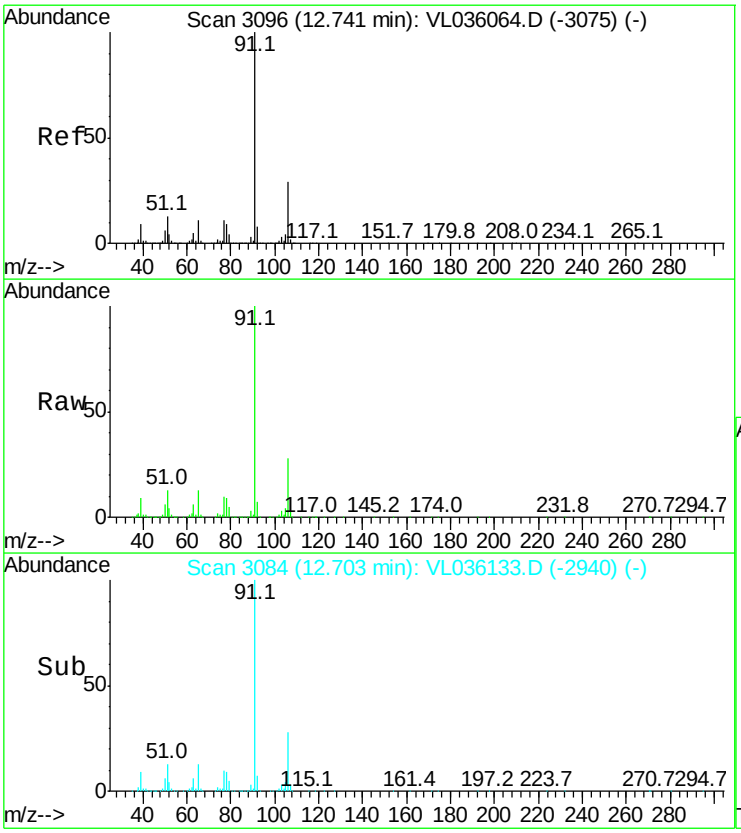
#57
Chlorobenzene
Concen: 8.230 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion:112 Resp: 1755868

Ion	Ratio	Lower	Upper
112	100		
77	79.4	60.5	90.7
114	32.3	29.2	35.6

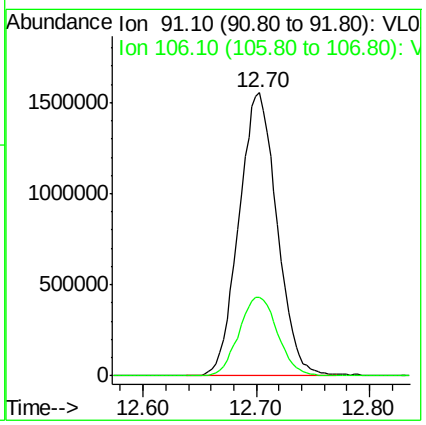


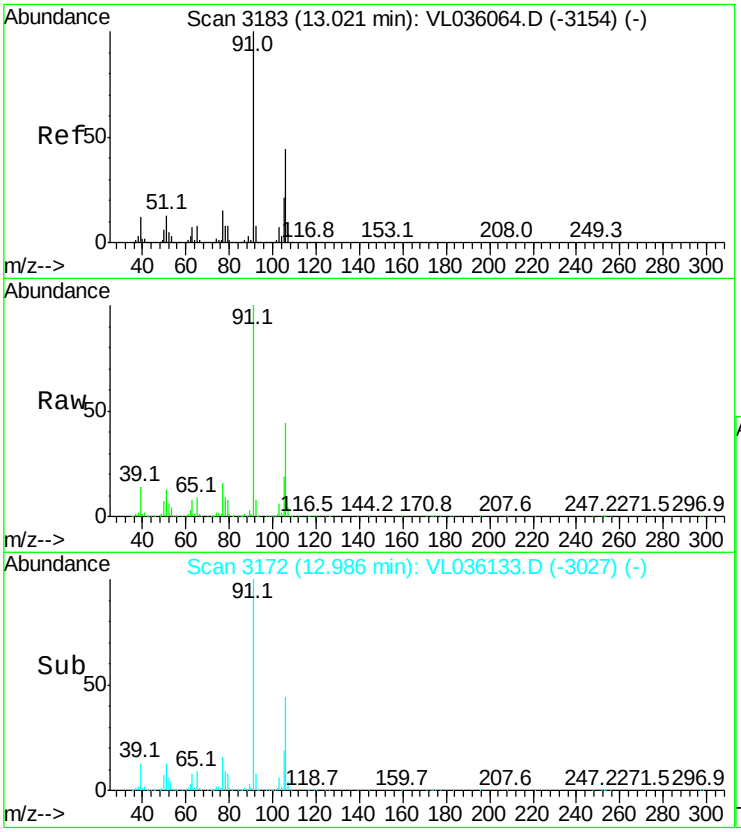


#58
Ethyl Benzene
Concen: 8.725 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 91 Resp: 3633667

Ion	Ratio	Lower	Upper
91	100		
106	27.8	23.0	34.4



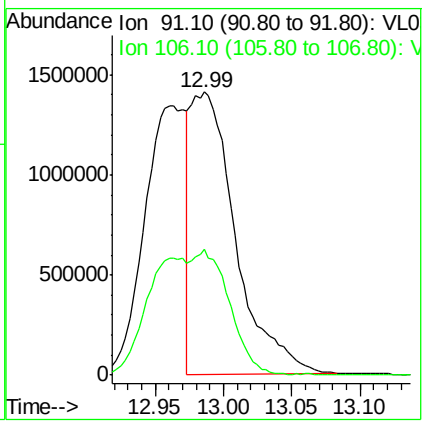


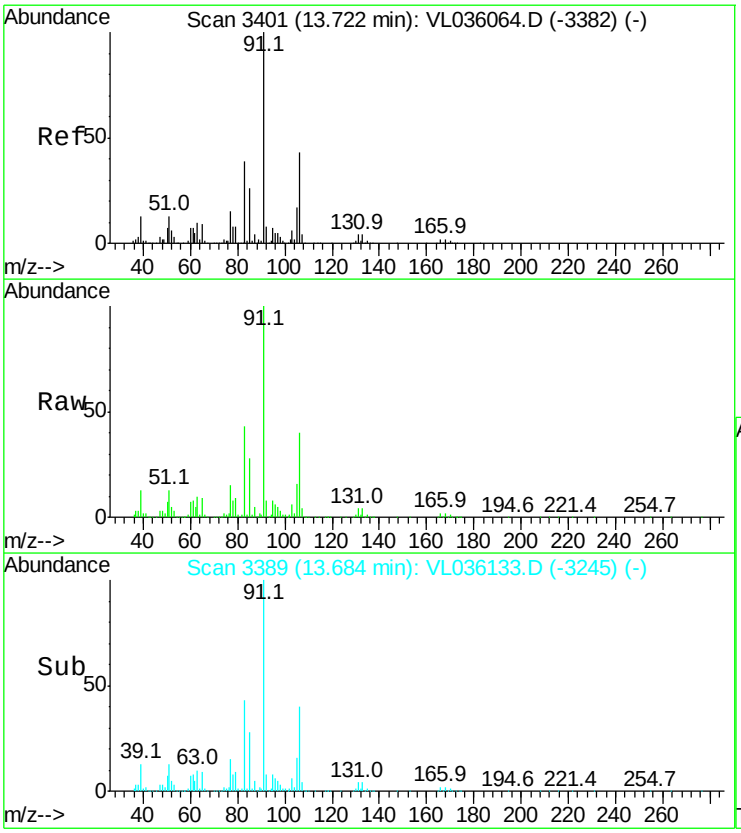
#59
m/p-Xylene
Concen: 9.055 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion: 91 Resp: 3176394

Ion	Ratio	Lower	Upper
91	100		
106	77.2	33.6	50.4#

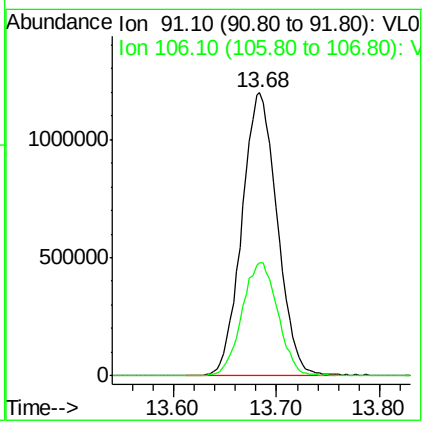


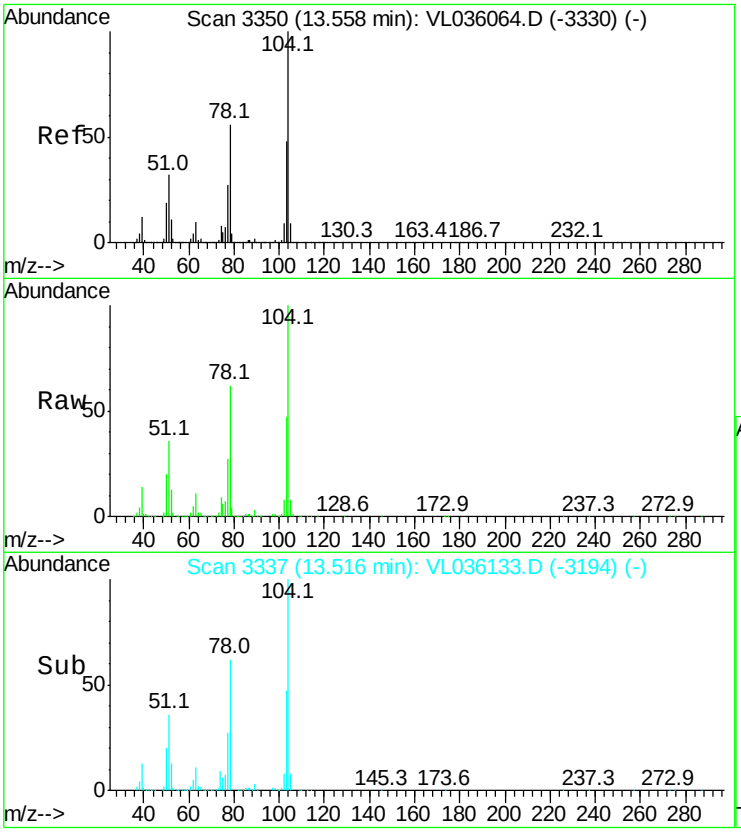


#60
o-Xylene
Concen: 8.601 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 91 Resp: 2842572

Ion	Ratio	Lower	Upper
91	100		
106	40.8	21.6	64.6



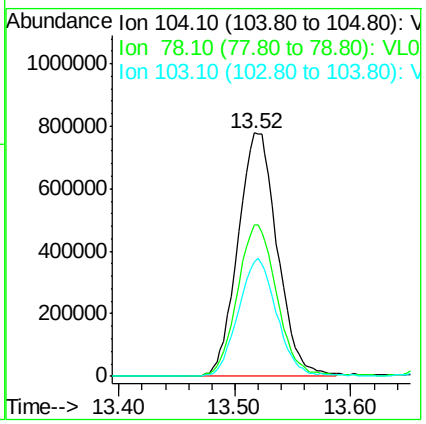


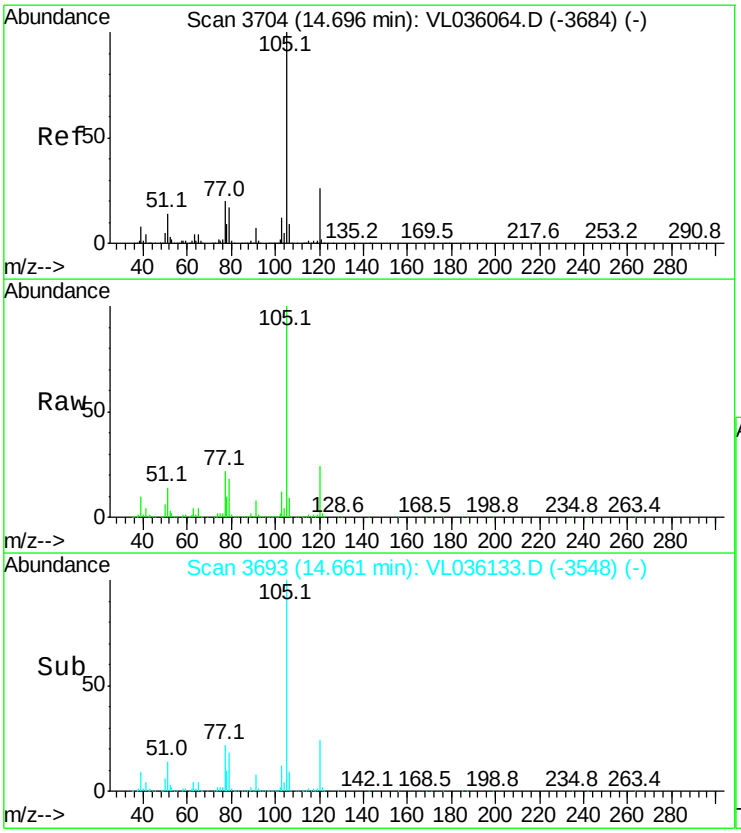
#61
Styrene
Concen: 8.666 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion:104 Resp: 1838856

Ion	Ratio	Lower	Upper
104	100		
78	62.6	45.8	68.8
103	47.4	38.6	57.8

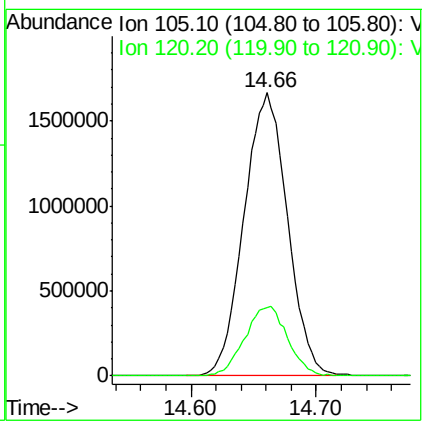


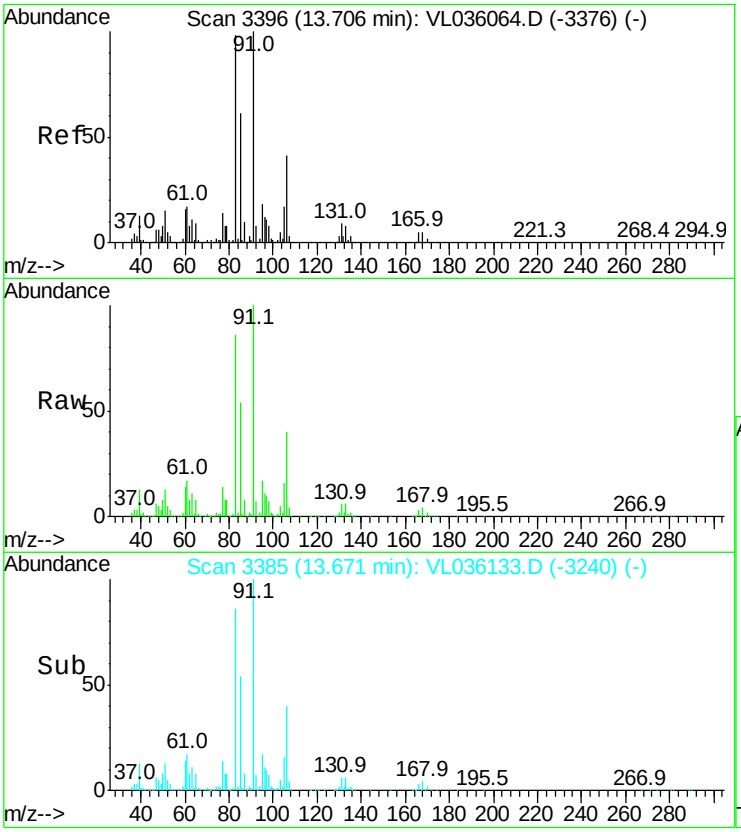


#62
Isopropylbenzene
Concen: 8.193 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:105 Resp: 4013788

Ion	Ratio	Lower	Upper
105	100		
120	24.3	20.1	30.1



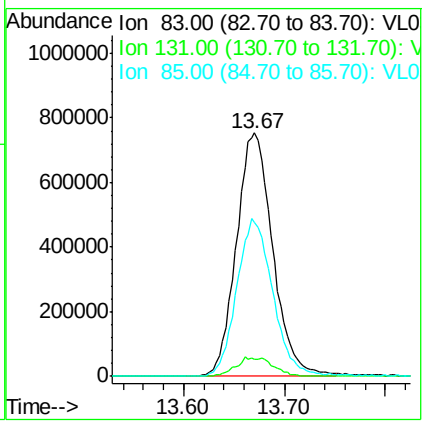


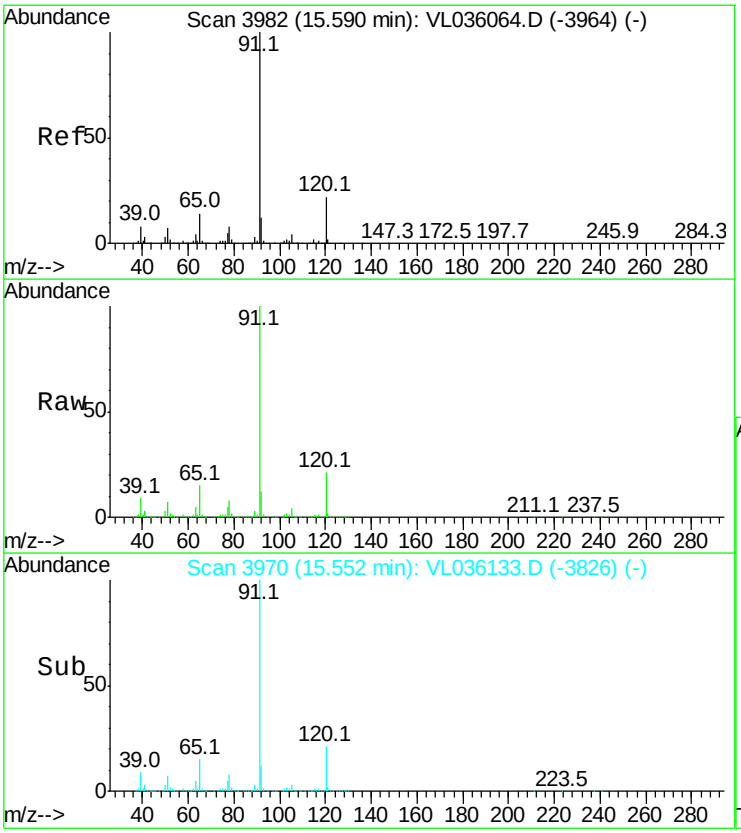
#63
1,1,2,2-Tetrachloroethane
Concen: 8.454 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 83 Resp: 1881670

Ion	Ratio	Lower	Upper
83	100		
131	8.1	4.6	13.8
85	64.5	32.5	97.5

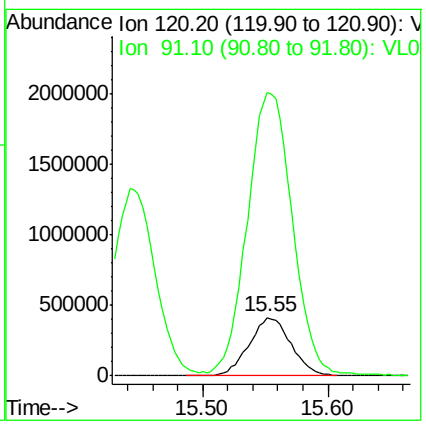


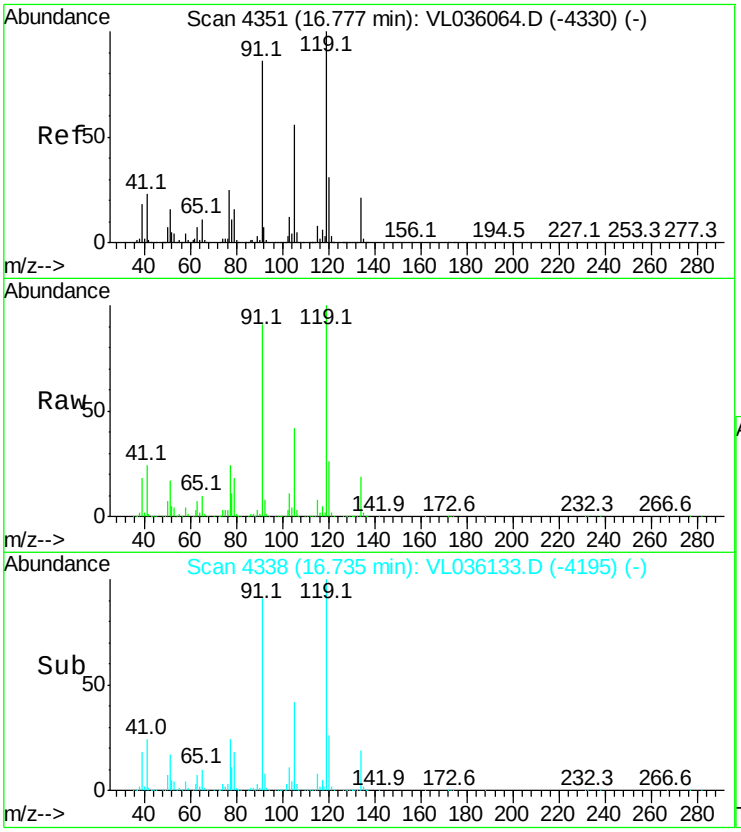


#64
n-propylbenzene
Concen: 8.106 ppbv
RT: 15.55 min Scan# 3970
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:120 Resp: 955448

Ion	Ratio	Lower	Upper
120	100		
91	525.8	388.9	583.3



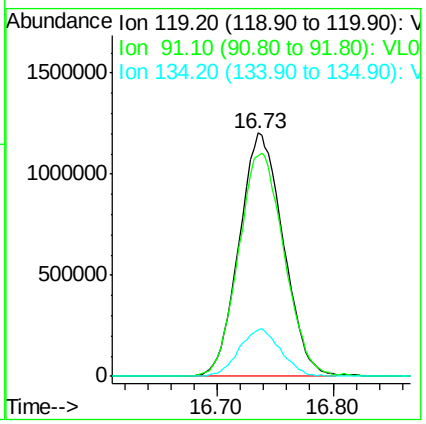


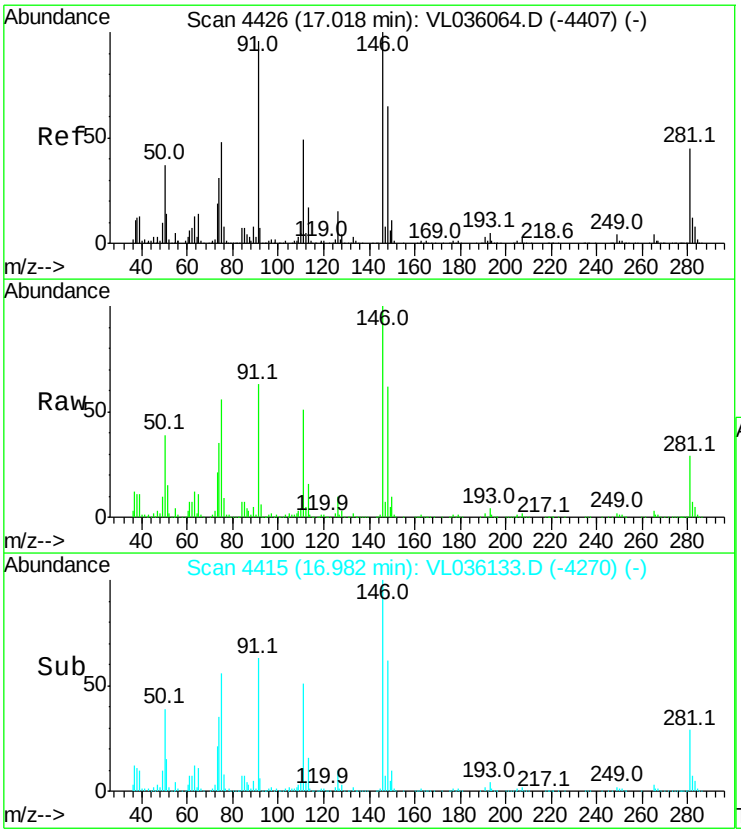
#65
tert-Butylbenzene
Concen: 7.930 ppbv
RT: 16.73 min Scan# 4338
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion:119 Resp: 3179781

Ion	Ratio	Lower	Upper
119	100		
91	95.5	70.2	105.2
134	18.6	15.8	23.6

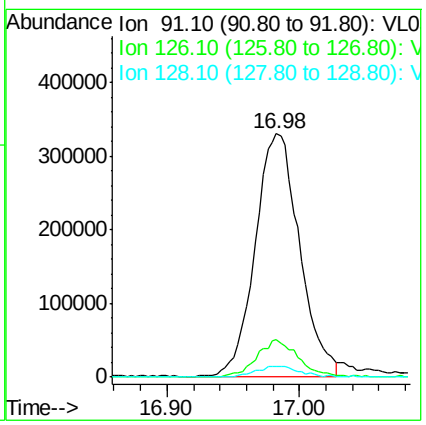


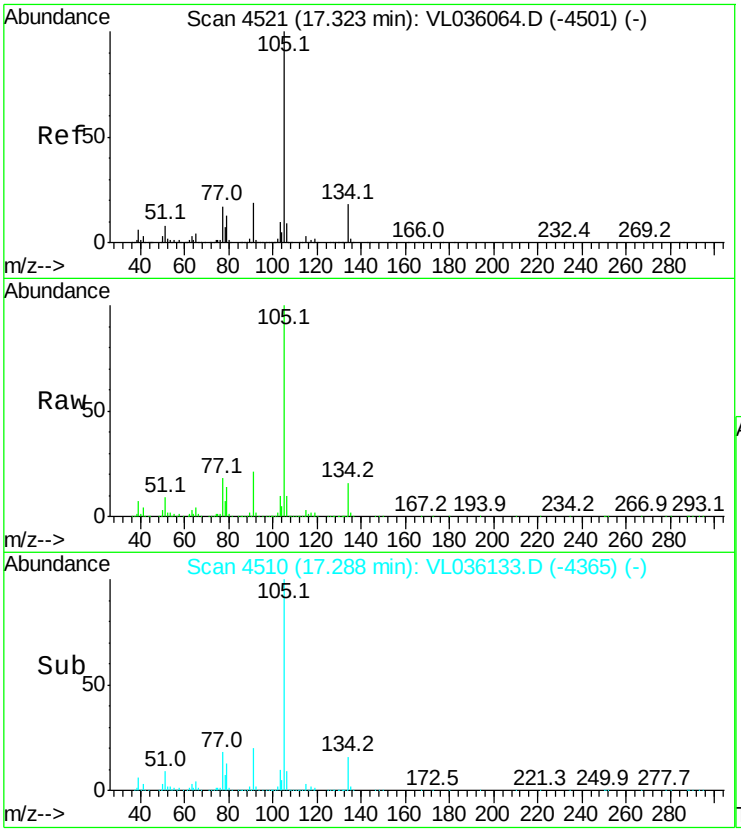


#66
Benzyl Chloride
Concen: 7.698 ppbv
RT: 16.98 min Scan# 4415
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 91 Resp: 768590

Ion	Ratio	Lower	Upper
91	100		
126	14.7	13.5	20.3
128	4.8	4.4	6.6



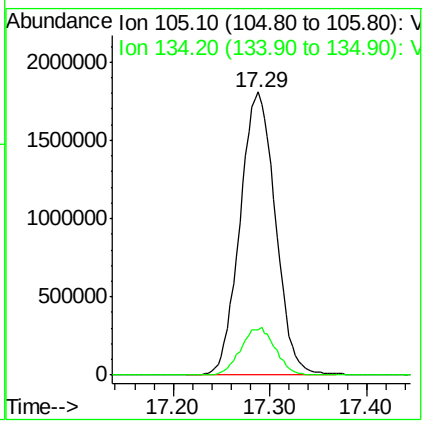


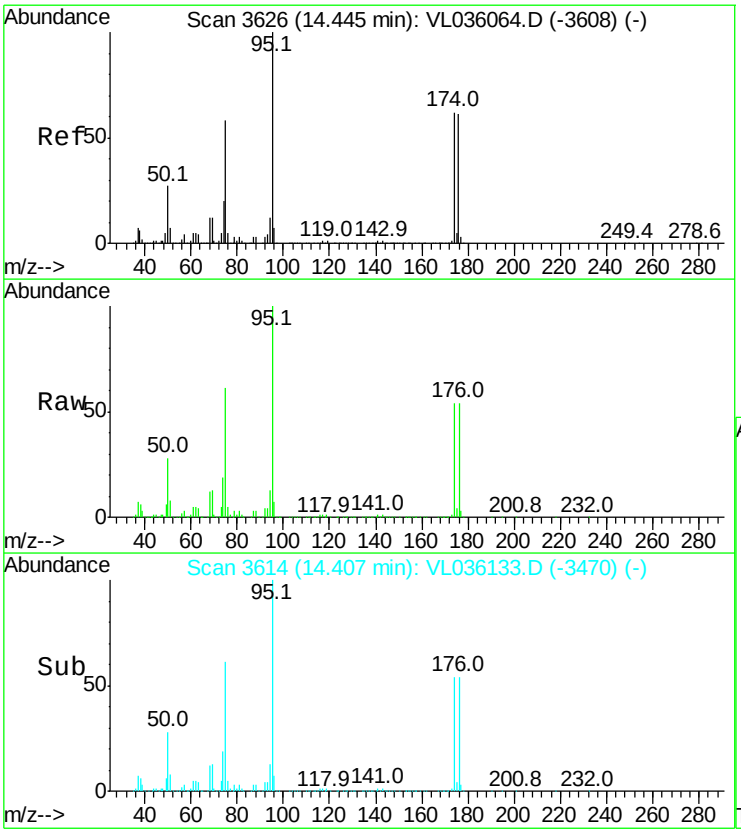
#67
sec-Butylbenzene
Concen: 8.187 ppbv
RT: 17.29 min Scan# 4510
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion:105 Resp: 4594769

Ion	Ratio	Lower	Upper
105	100		
134	16.4	14.2	21.4

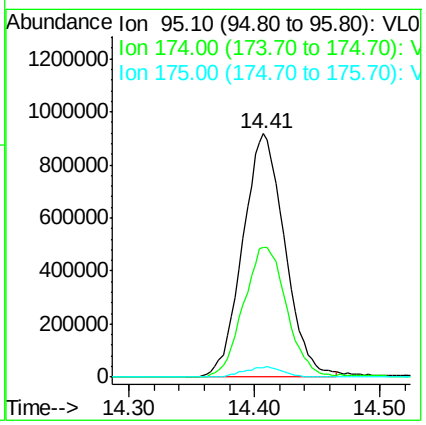


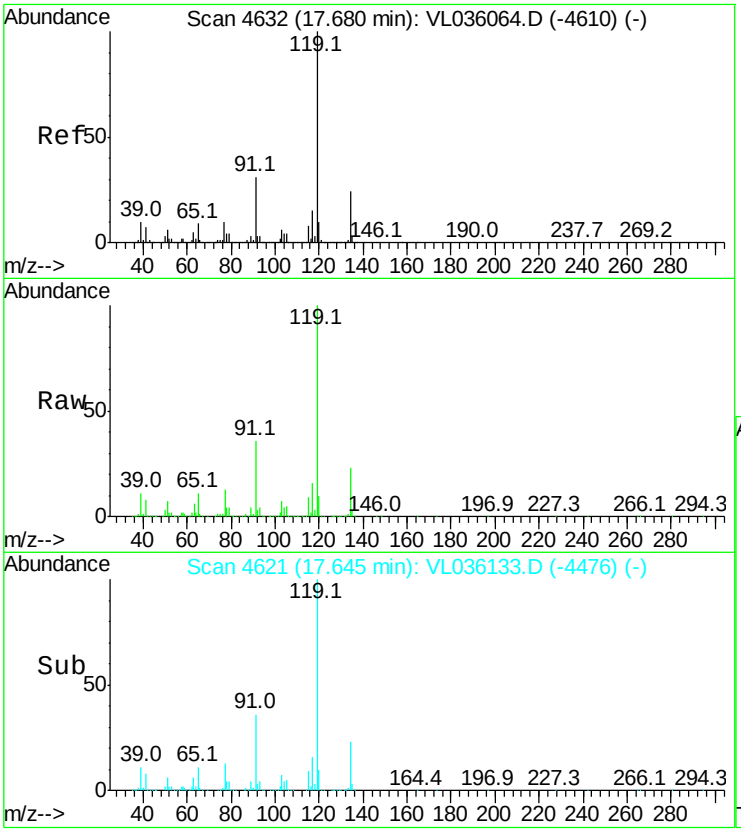


#68
1-Bromo-4-Fluorobenzene
Concen: 8.869 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 95 Resp: 2140169

Ion	Ratio	Lower	Upper
95	100		
174	55.3	50.7	76.1
175	4.2	4.0	6.0



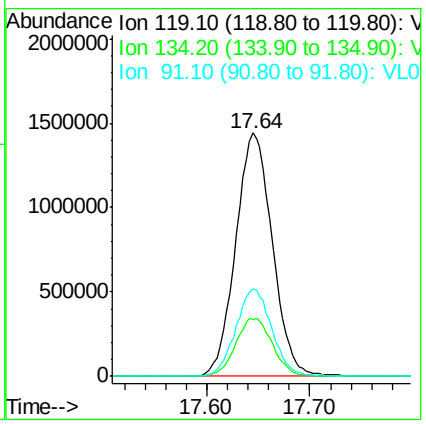


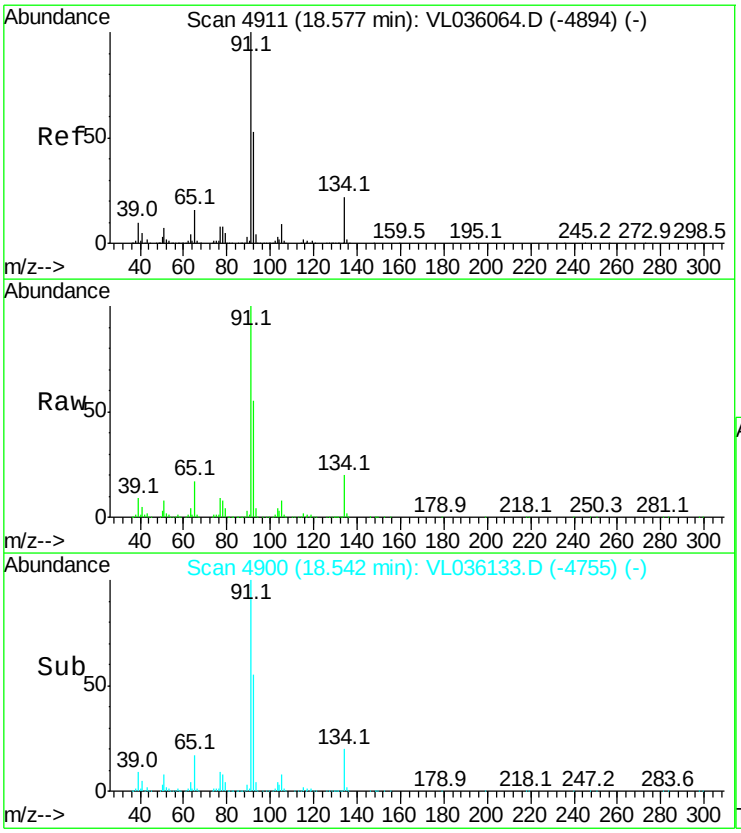
#69
p-Isopropyltoluene
Concen: 7.962 ppbv
RT: 17.64 min Scan# 4621
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion:119 Resp: 3554227

Ion	Ratio	Lower	Upper
119	100		
134	24.2	19.8	29.6
91	35.4	25.8	38.6

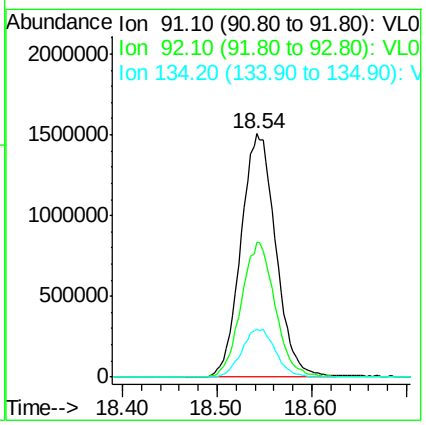


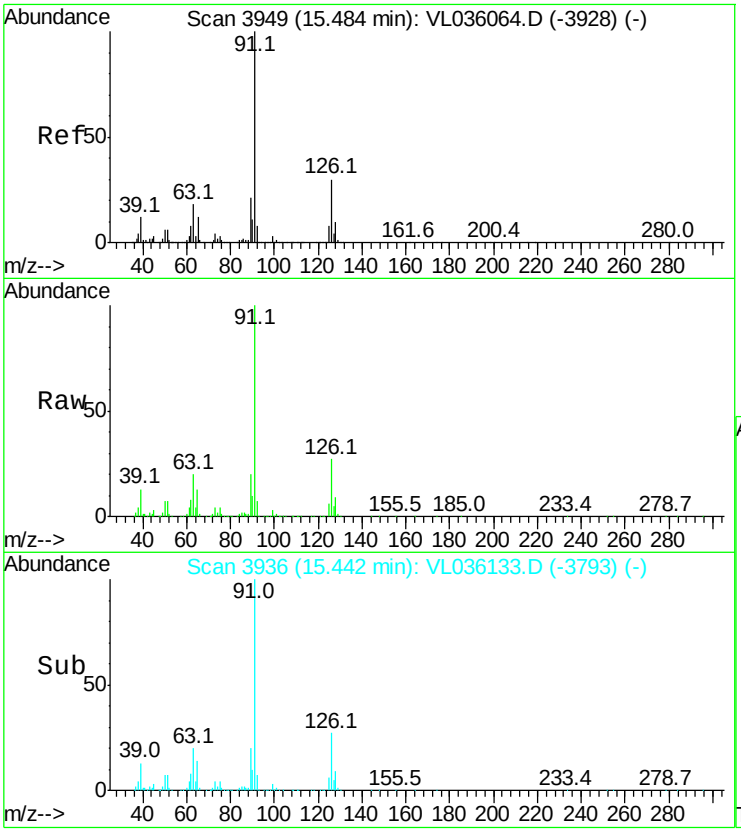


#70
n-Butylbenzene
Concen: 8.725 ppbv
RT: 18.54 min Scan# 4900
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion: 91 Resp: 3849399

Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.3	64.9
134	19.4	17.1	25.7



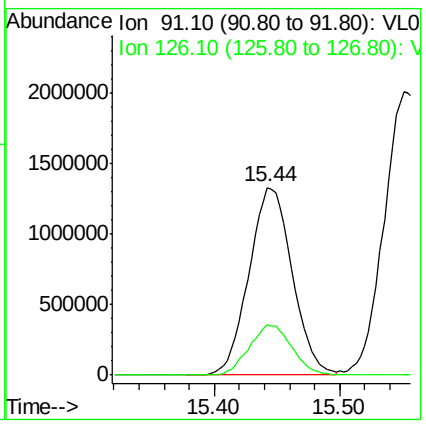


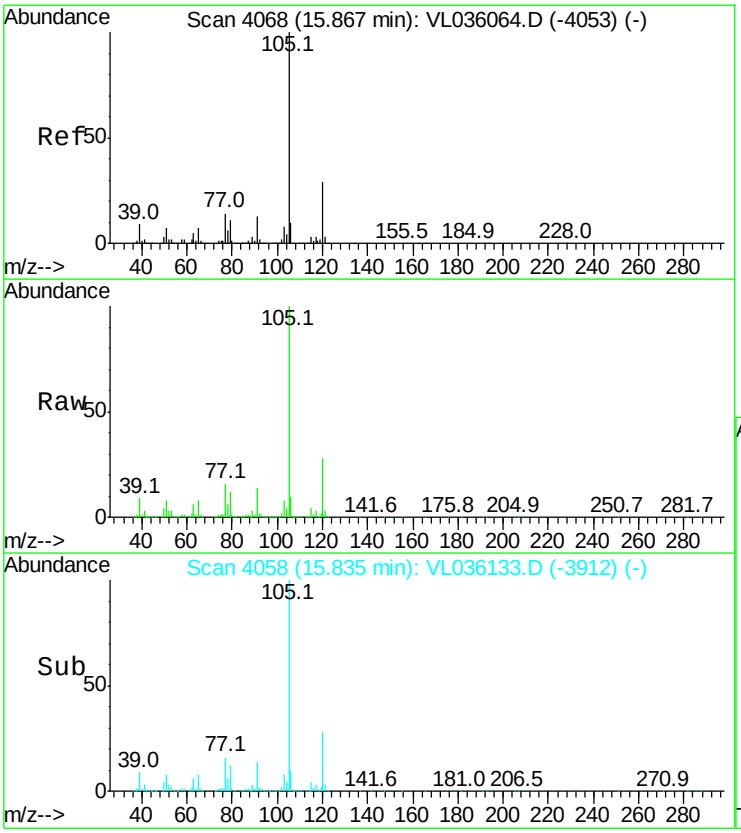
#71
2-Chlorotoluene
Concen: 8.620 ppbv
RT: 15.44 min Scan# 3936
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion: 91 Resp: 3192037

Ion	Ratio	Lower	Upper
91	100		
126	26.6	11.6	46.4

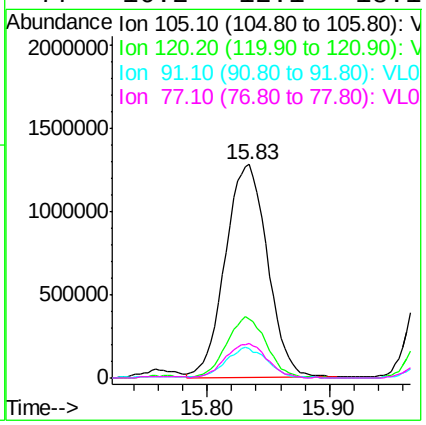


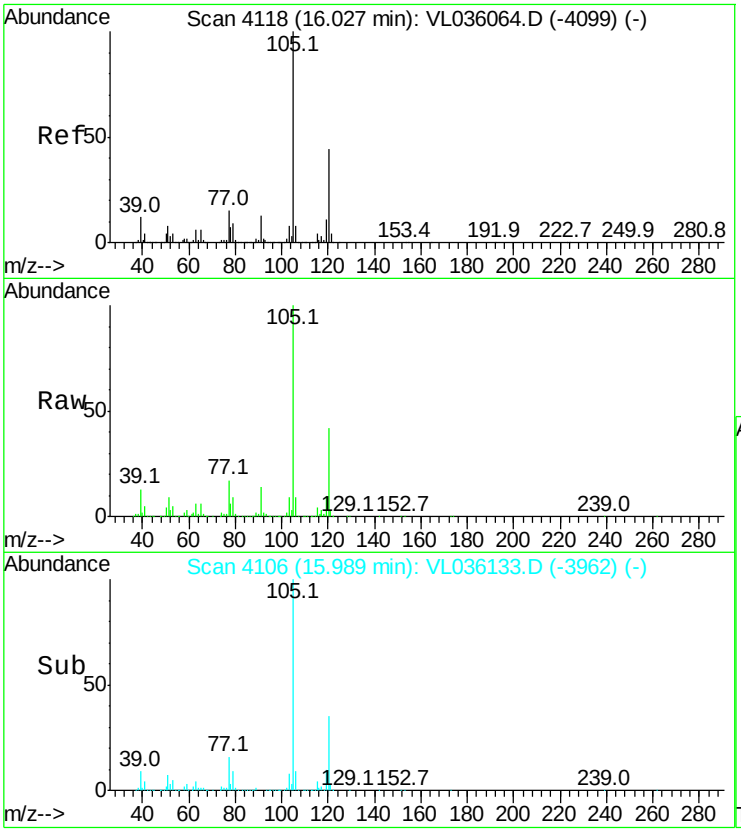


#72
4-Ethyltoluene
Concen: 8.588 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:105 Resp: 3074532

Ion	Ratio	Lower	Upper
105	100		
120	27.4	23.6	35.4
91	13.8	11.4	17.0
77	16.2	12.1	18.1



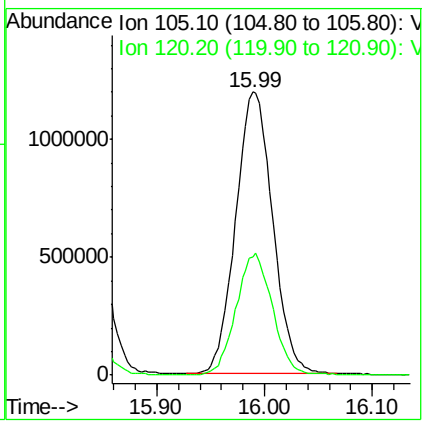


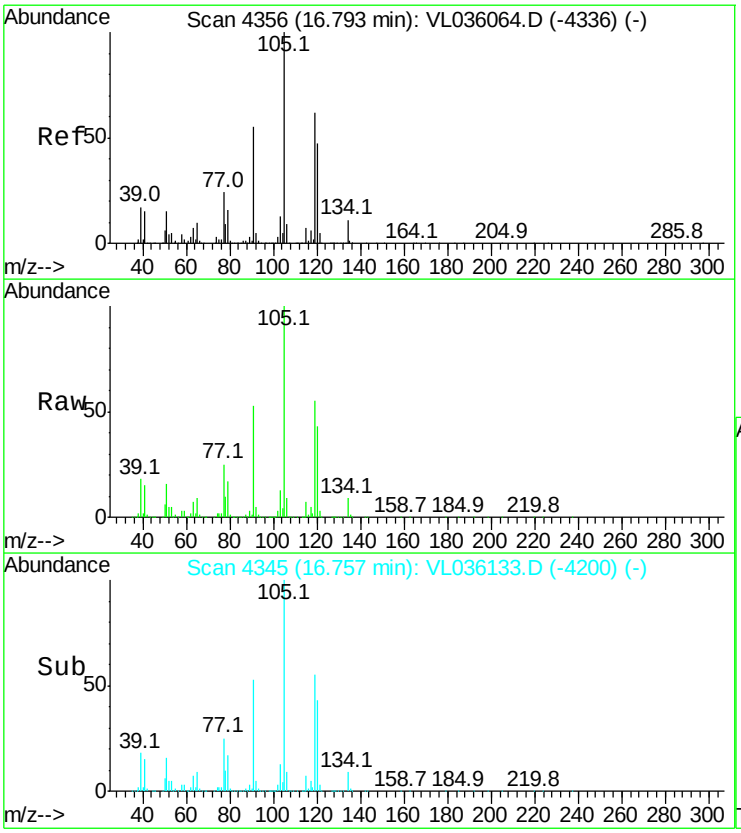
#73
1,3,5-Trimethylbenzene
Concen: 8.347 ppbv
RT: 15.99 min Scan# 4106
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion:105 Resp: 2854192

Ion	Ratio	Lower	Upper
105	100		
120	41.7	35.4	53.2

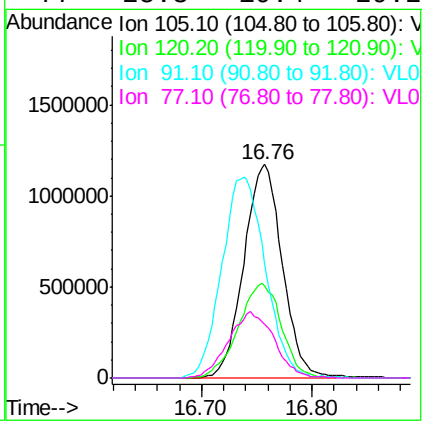


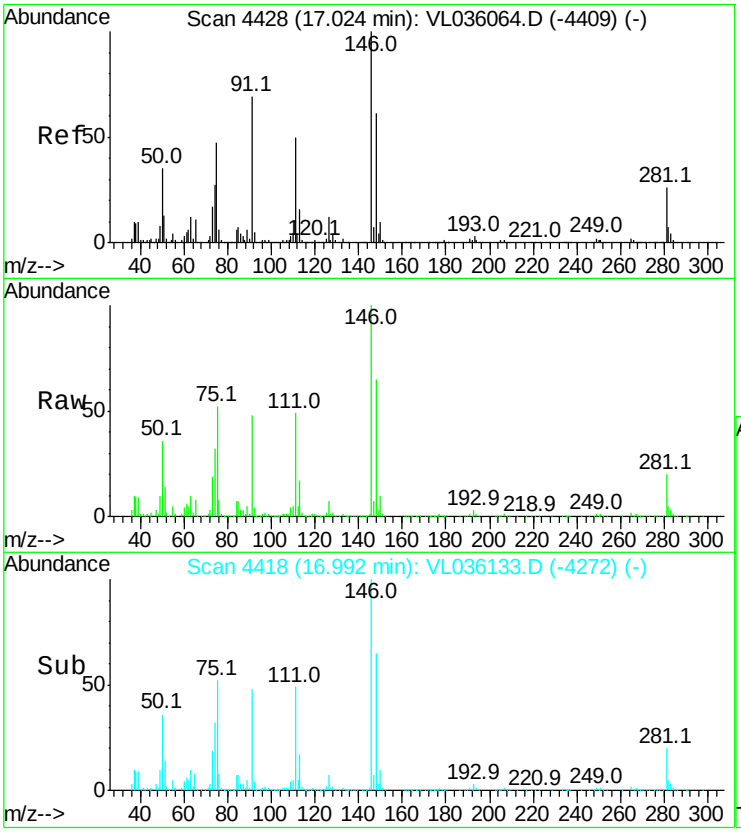


#74
1,2,4-Trimethylbenzene
Concen: 8.235 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:105 Resp: 2826572

Ion	Ratio	Lower	Upper
105	100		
120	43.1	37.4	56.0
91	52.6	45.6	68.4
77	25.3	19.4	29.2



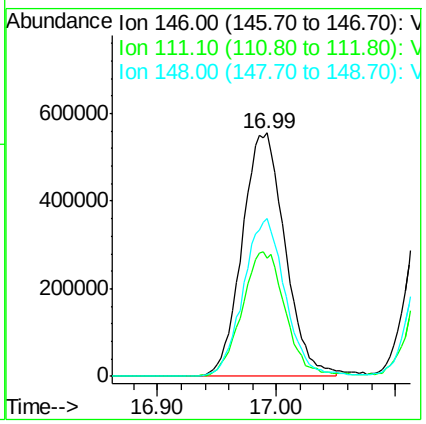


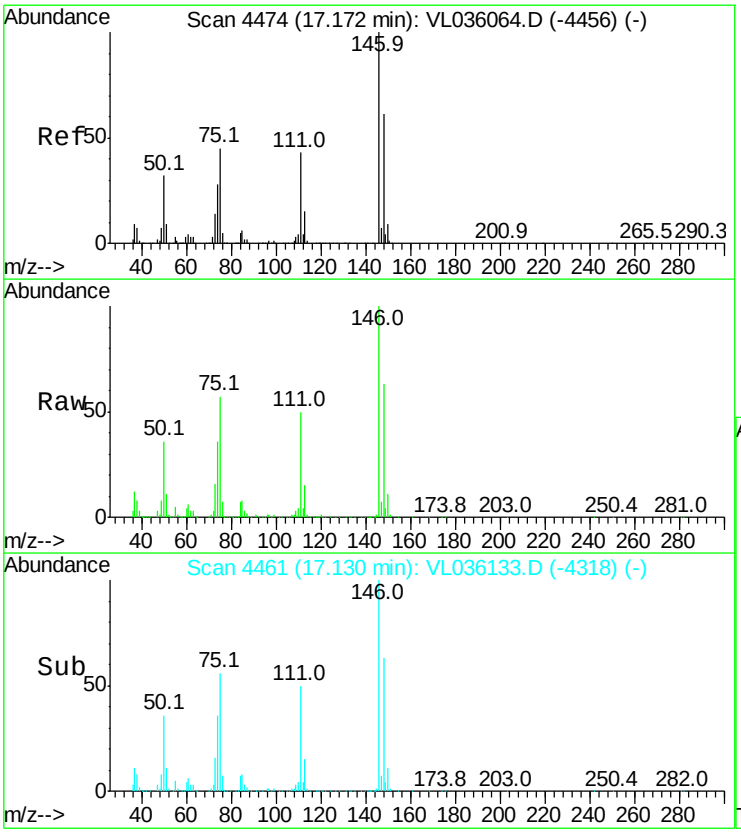
#75
1,3-Dichlorobenzene
Concen: 8.063 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion:146 Resp: 1385253

Ion	Ratio	Lower	Upper
146	100		
111	51.9	25.1	75.3
148	63.6	32.9	98.6

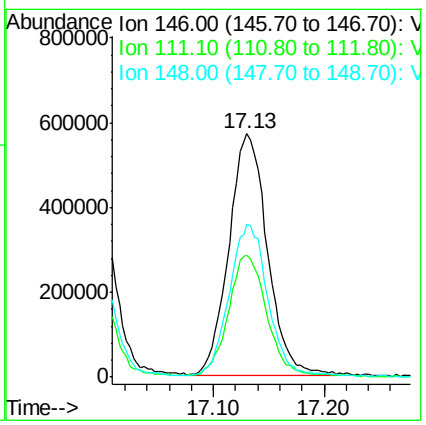


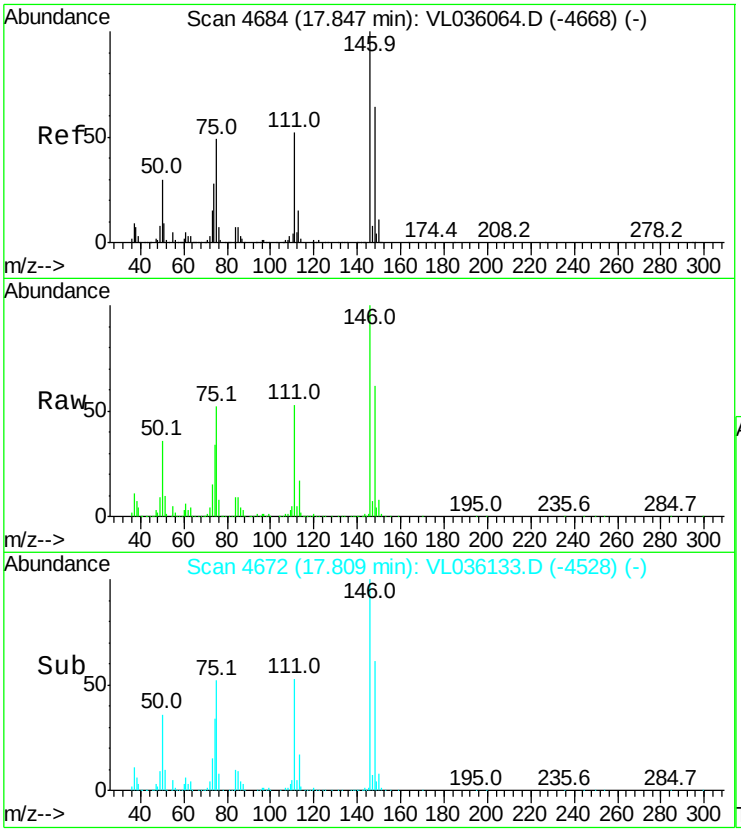


#76
1,4-Dichlorobenzene
Concen: 7.862 ppbv
RT: 17.13 min Scan# 4461
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:146 Resp: 1375314

Ion	Ratio	Lower	Upper
146	100		
111	50.9	24.3	72.8
148	63.8	32.8	98.3



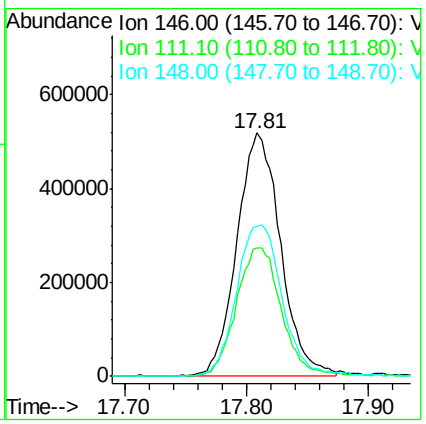


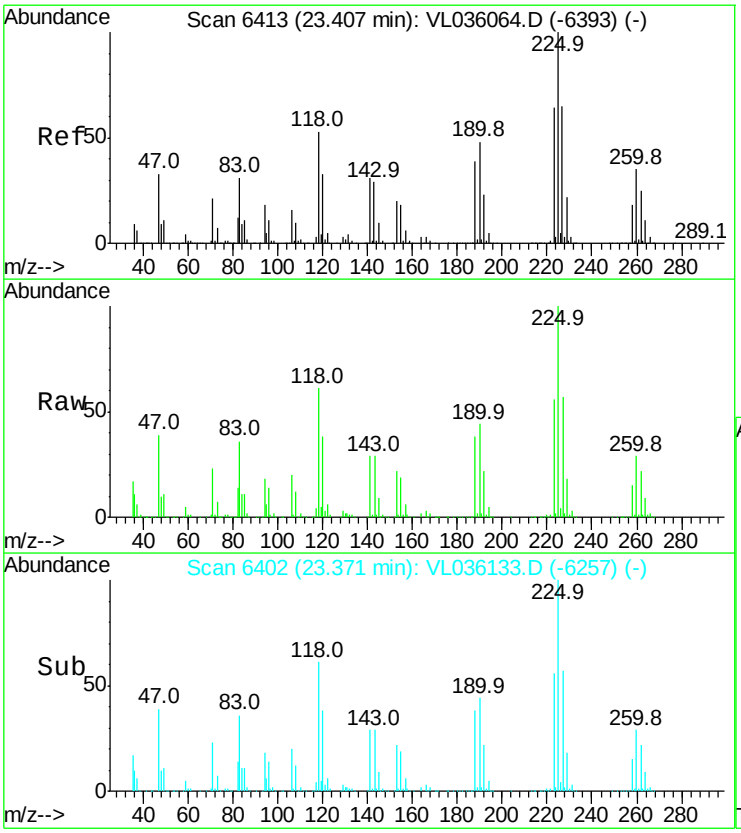
#77
1,2-Dichlorobenzene
Concen: 7.755 ppbv
RT: 17.81 min Scan# 4672
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument : MSVOA_L
ClientSampleId : VL1210ABS01

Tgt Ion:146 Resp: 1272114

Ion	Ratio	Lower	Upper
146	100		
111	55.1	26.1	78.2
148	65.9	33.1	99.5

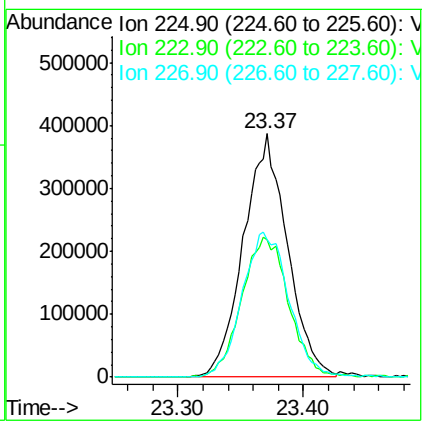


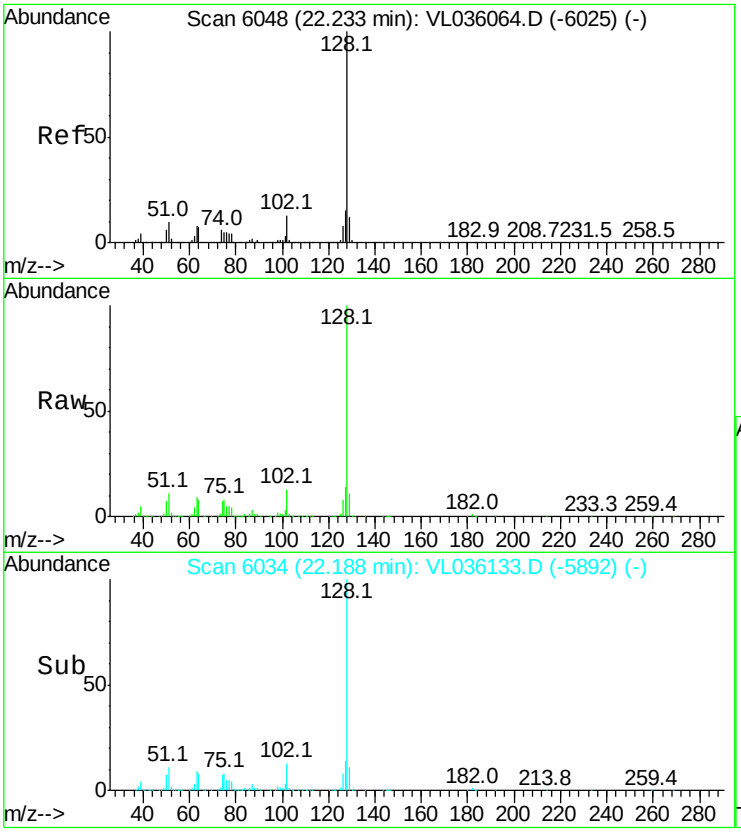


#78
Hexachloro-1,3-Butadiene
Concen: 7.147 ppbv
RT: 23.37 min Scan# 6402
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:225 Resp: 939713

Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.1	76.7
227	63.8	51.7	77.5



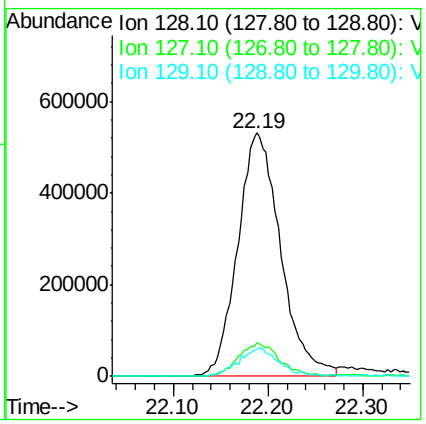


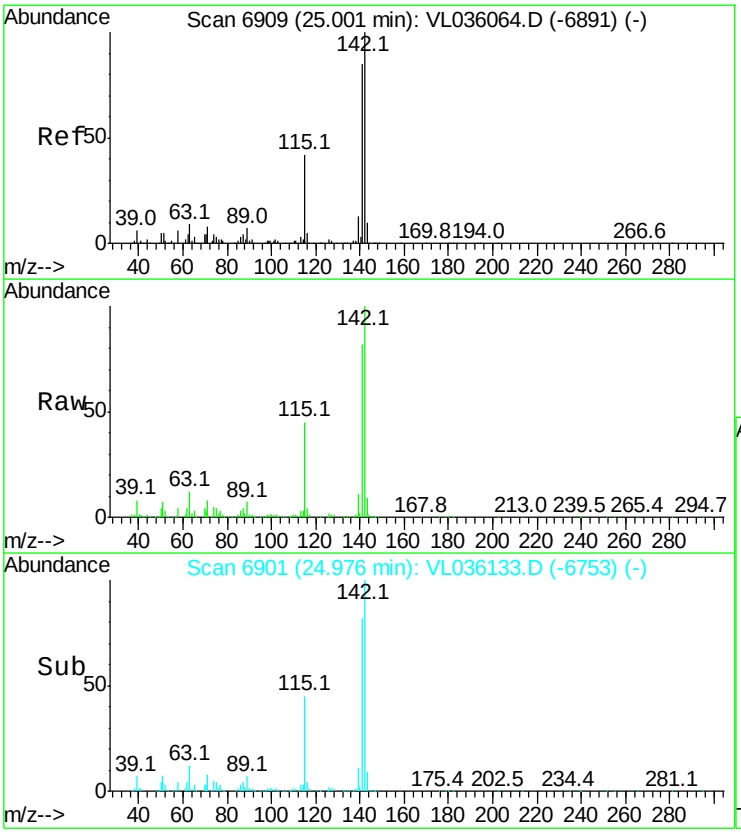
#79
Naphthalene
Concen: 9.588 ppbv
RT: 22.19 min Scan# 6034
Delta R.T. -0.04 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion:128 Resp: 1672714

Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.7	17.5
129	11.1	9.3	13.9

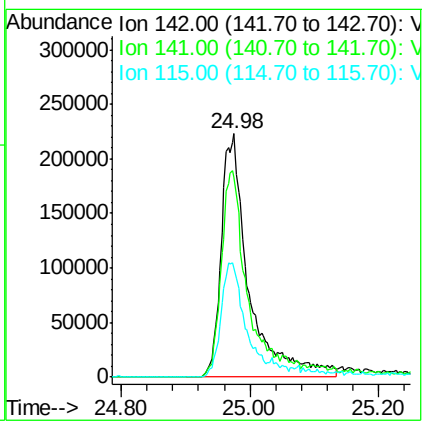


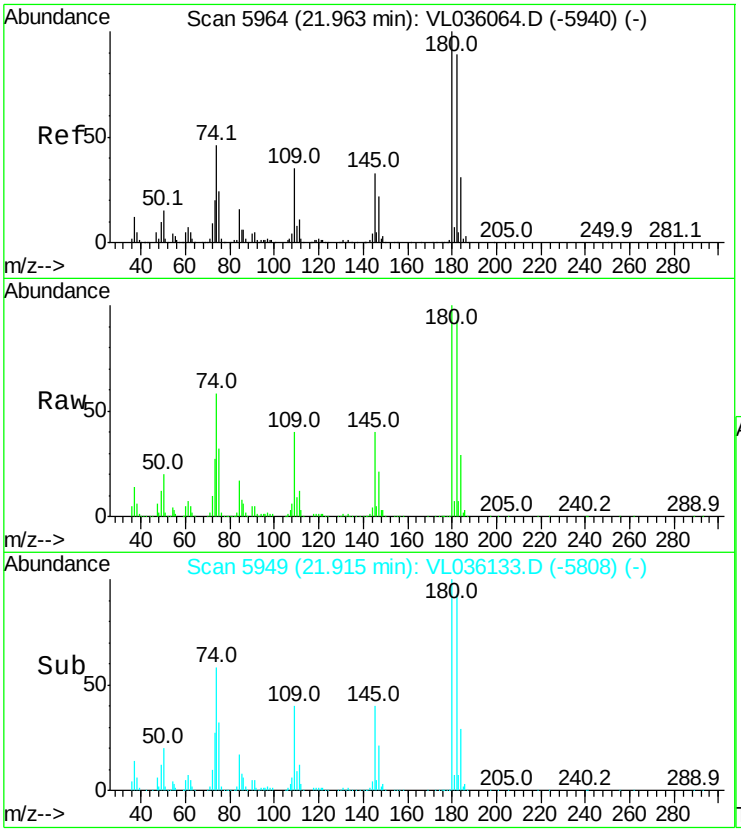


#80
Naphthalene,2-methyl-
Concen: 17.040 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. -0.03 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Tgt Ion:142 Resp: 664790

Ion	Ratio	Lower	Upper
142	100		
141	87.7	64.3	96.5
115	46.4	33.9	50.9





#81
1,2,4-Trichlorobenzene
Concen: 3.879 ppbv
RT: 21.91 min Scan# 5949
Delta R.T. -0.05 min
Lab File: VL036133.D
Acq: 10 Dec 2020 17:43

Instrument :
MSVOA_L
ClientSampleId :
VL1210ABS01

Tgt Ion:180 Resp: 452134

Ion	Ratio	Lower	Upper
180	100		
182	0.0	0.0	0.0
184	0.0	0.0	0.0